CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Power plant, Muscle Shoals, Ala., Mississippi Power Co. plans power plant and dam on Tennessee River, $20,000,000.

Paper mill, Kapuskasing, Ont., Spence Falls Power & Paper Co. having plans prepared, $5,000,000.

Theatre, Hotel, and Store, Chicago, Ill., American Amusement Co., having plans prepared, $2,800,000.

Oil Refinery, Robinson, Ill., Lincoln Oil Refining Co. plans new buildings, $2,500,000.

Sewers, Webster Groves, Mo., making preliminary plans for 8 to 36 in. sewers, $2,000,000.

Tunnel and storage reservoir, Ojai, Calif., Ojai Irrigation Dist. making plans, $2,000,000.

Apartment, Chicago, Ill., C. W. Morris had plans prepared, $1,750,000.

Paving and curbing, Fordson, Mich., making plans for street work, $1,600,000.

Reservoirs and canals, Placerville, Calif., El Dorado Irrigation Dist., plans bond election, $1,500,000.

Theatre, store, and apartment, Chicago, Ill., C. Andrews, et al., plans building, $1,500,000.

Social center, Seattle, Wash., University of Washington having plans prepared, $1,500,000.

Schools, Raleigh, N. C., voted $1,300,000 bonds for new schools.

Office, Baltimore, Md., Civic Centre Realty Co. having plans prepared, $1,250,000.

Water system, Amarillo, Tex., making plans for water system, $1,000,000.

Levee system and flood control, Mexico, Mexican government making preliminary plans, $1,000,000.

Hotel, Mineral Wells, Tex., Mineral Wells Hotel Co. plans building, $1,000,000.

Hotel, Hendersonville, N. C., J. Wells plans building, $1,000,000.

City Hall, Atlanta, Ga., city having preliminary plans prepared, $1,000,000.

Wharf, Limoiton, Que., Anglo-Canadian Pulp & Paper Co. plans wharf, $1,000,000.

Bids Wanted

Club, and hotel, New York, N. Y., Cinema Club of America, Inc., soon takes bids, $4,000,000.

City Hall, Philadelphia, Pa., May 19, G. H. Giles, dir. Pub. Wks., $2,000,000 or $3,100,000.

Contracts

High School, New York, N. Y., Bd. of Educ. to several contracts, grand total, $2,795,882.

Sewers, Long Island City, N. Y., M. E. Connolly to Highway Impvt. & Repair Co., grand total, $2,570,150.

Church and Hotel, New York, N. Y., Calvary Baptist Church to R. M. Catts Corp., $2,500,000.

Hospital, Los Angeles, Calif., Good Samaritan Hospital to Scofield Eng. Co., $1,215,000.

Shops, Decatur, Ill., Wabash R.R. Co. to the Foundation Co., N. Y. C., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
May 7	Phila., Pa.	May 6
May 10	Cedar Grove, N. J.	May 6
May 10	Jamesburg, N. J.	May 6
May 10	Flat Rock, Mich.	May 6
May 10	Milwaukee, Wis.	May 6
May 10	South Belmar, N. J. Adv. May 6.	May 6
May 11	Perry, N. Y.	Apr. 15
May 11	Cape May, N. J.	Apr. 29
May 11	Long Island City, N. Y.	May 6
May 12	Baltimore, Md.	May 6
May 13	Port Arthur, Tex.	May 6
May 14	Oakland, Calif.	Apr. 22
May 14	Brooklyn, N. Y.	May 6
May 15	Nelliston, N. Y. Adv. Apr. 29 and May 6	May 6
May 18	Hagerstown, Md. Adv. Apr. 22 to May 6.	Apr. 22
May 19	Augusta, Me.	May 6
May 21	Oakland, Calif.	Apr. 22
May 24	Norwalk, Conn. Adv. May 6.	May 6
May 25	St. Louis, Mo.	May 6
May 29	Gulfport, Miss.	Apr. 29
June 2	New York, N. Y. Adv. May 6.	May 6

Sewers

May 7	North Plainfield (mail Plainfield), N. J.	Apr. 22
May 7	Lakewood, N. J.	Apr. 29
May 7	Cleveland, O.	May 6
May 10	Richmond, Va.	Apr. 29
May 10	Wanamingo, Minn.	Apr. 29
May 10	West Roxbury (sta. Boston), Mass.	Apr. 29
May 10	Royal Oak (Ind. br. Detroit), Mich.	May 6
May 10	Kent, O.	May 6
May 11	St. Paul, Minn.	May 6
May 12	Mt. Clemens, Mich.	Apr. 29
May 12	Baltimore, Md.	May 6
May 12	Brooklyn, N. Y.	May 6
May 12	Cleveland, O.	May 6
May 13	Oklahoma City, Okla.	Apr. 22
May 14	West Haven (br. New Haven), Conn.	May 6
May 17	Beverly Hills, Calif.	May 6
May 17	Miami, Fla.	May 6
May 18	Pasadena, Calif.	May 6
May 18	Sacket Harbor, N. Y. Adv. Apr. 22 to May 6.	Apr. 29
May 19	Rye, N. Y. Adv. Apr. 22 and 29.	Apr. 29
May 20	Dexter, N. Y. Adv. Apr. 22 to May 6.	Apr. 29
May 20	Salisbury, Md. Adv. Apr. 29 and May 6.	Apr. 29
May 21	La Grange, N. C. Adv. Apr. 22 to May 6.	Apr. 29
May 25	Muskegon, Mich.	Apr. 29
May 25	Underwood Adv. May 6.	May 6
May 25	Niles, Ill. Adv. May 6.	May 6
May 25	Plaquemine, La. Adv. May 6.	May 6
May 28	Louisville, Ky. Adv. May 6.	May 6

Waste Disposal

May 27	Galveston, Tex.	Apr. 29
June 3	Mobile, Ala. Adv. May 6.	May 6

Bridges

May 7	Dayton, O.	Apr. 15
May 7	Detroit, Mich.	Apr. 29
May 10	Jacksonville, Fla.	Apr. 15
May 10	Safety Harbor, Fla.	Apr. 29
May 10	Blackburn, Okla.	May 6
May 11	Louisiana	Apr. 15
May 11	Bourg, La.	Apr. 22
May 11	Washington	Apr. 29
May 11	Grand Rapids, Mich.	Apr. 29
May 12	Indiana	May 6
May 12	Maine	Apr. 29
May 12	Gooding, Idaho	Apr. 29
May 12	Coraopolis, Pa.	May 6
May 12	Somerville (Boston P. O.), Mass.	May 6
May 12	Arlington, Vt.	May 6
May 13	Mt. Clemens, Mich.	May 6
May 14	Vermont	May 6
May 14	Ohio	May 6
May 15	Paducah, Ky.	Apr. 22
May 15	Anderson, Ind.	Apr. 8
May 15	St. Pierre le Bicquets, Que.	May 6
May 17	New Mexico	May 6
May 17	Akron, O.	Apr. 29
May 18	Texas	Apr. 29
May 18	New Orleans, La.	May 6
May 19	Minneapolis, Minn.	Apr. 8
May 19	Pennsylvania	Apr. 29
May 19	Akron, O.	Apr. 29
May 19	Poughkeepsie, N. Y. Adv. May 6.	May 6
May 19	Kooskia, Idaho	May 6
May 21	Akron, O.	Apr. 29
May 21	Maskinonge, Que.	May 6
May 24	California	May 6
May 26	Los Angeles, Calif.	May 6
May 27	Louisiana Adv. Apr. 29 and May 6.	Apr. 29
June 1	Sebring, Fla. Adv. May 6.	May 6

Excavation, Drainage, Irrigation, Levees, River and Harbor

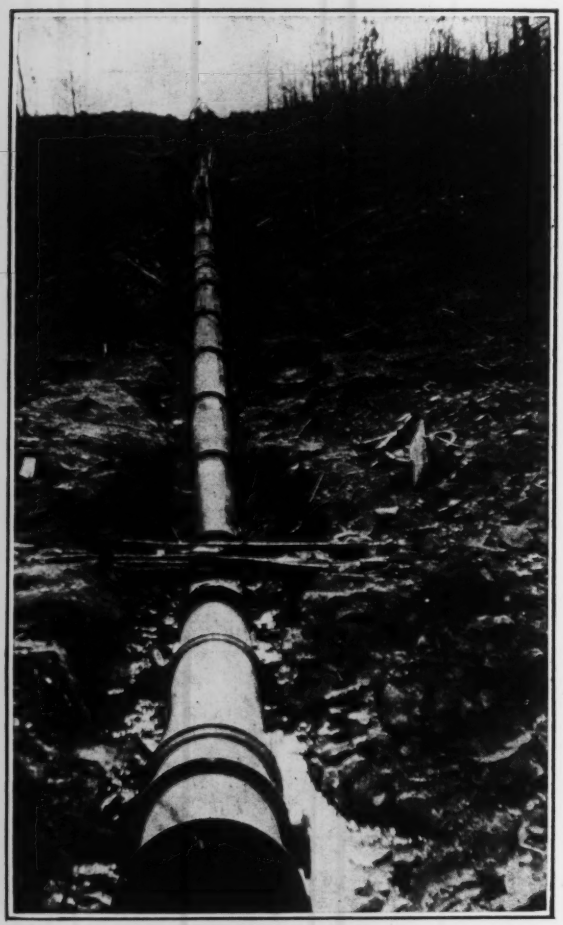
Bids close		*See Eng. News-Record*
May 8	Sycamore, Ill.	Apr. 22
May 8	DeKalb, Ill.	Apr. 29
May 8	Wisconsin	May 6
May 11	Onawa, Ia.	May 6
May 11	Goderich, Ont.	May 6
May 12	New Madrid, Mo.	Apr. 29
May 15	Brownsville, Tex.	May 6
May 18	Sioux City, Ia.	May 6
May 24	Buffalo, N. Y.	Apr. 22
June 1	Galveston, Tex.	Apr. 29

Streets and Roads

May 7	Pennsylvania	Apr. 15
May 7	Salem, N. J.	Apr. 22
May 7	Fulton, N. Y.	Apr. 22
May 7	Montgomery, Pa.	Apr. 22
May 7	New York Adv. Apr. 22 to May 6.	Apr. 22
May 7	Noblesville, O.	Apr. 29
May 10	New Jersey	Apr. 22
May 10	Akron, O.	Apr. 22
May 10	Kentucky	Apr. 22
May 10	St. Clairsville, O.	Apr. 29
May 10	Steelton, Pa.	May 6
May 10	Paw Paw, Mich.	May 6
May 10	New York, N. Y.	May 6
May 10	Long Island City, N. Y.	May 6
May 11	Maryland	Apr. 29
May 11	Washington	Apr. 29
May 11	North Dakota	Apr. 29
May 11	Massachusetts	Apr. 29
May 11	Cincinnati, O.	May 6
May 11	Columbus, O.	May 6
May 11	Storm Lake, Ia.	May 6
May 11	Iowa City, Ia.	May 6
May 11	Baltimore, Md.	May 6
May 11	New Hampshire	May 6
May 11	Massachusetts	May 6
May 11	Boston, Mass.	May 6
May 11	Indiana	May 6
May 12	Wisconsin	May 6
May 12	Frederick, Okla.	May 6
May 12	Glenville, W. Va.	Apr. 29
May 12	Mississippi	Apr. 29
May 12	Belvidere, N. J. Adv. Apr. 22 to May 6.	Apr. 29
May 12	North Dakota	Apr. 29
May 12	Santa Rosa, Calif.	Apr. 29
May 12	Atlantic City, N. J.	May 6
May 12	Lucknow, Ont.	May 6
May 12	Baltimore, Md.	May 6
May 12	Sturgis, Mich.	May 6
May 12	Sask., Denholm	May 6
May 12	Brooklyn, N. Y.	May 6
May 12	St. George, N. Y.	May 6
May 12	Dorchester (Boston P. O.), Mass.	May 6

See proposal advertising on page 156, Advertising Section

TRADE "LEADITE" MARK
Registered U. S. Pat. Office



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LEADITE has been successfully tested and used for over 30 years for jointing all sizes of cast-iron bell and spigot water mains from 4 in. to 60 in. in diameter, under all pressures and conditions encountered in water-works construction.

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THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
May 13	North Dakota	Apr. 29
May 13	Texas	Apr. 29
May 13	Bogota (br. Hackensack), N. J. Adv. May 6.	May 6
May 13	Wisconsin	May 6
May 13	Windsor, N. C.	May 6
May 13	New York, N. Y.	May 6
May 13	Greensburg, Pa.	May 6
May 14	North Dakota	Apr. 29
May 14	Meigs, Ga.	May 6
May 14	Iowa City, Ia.	May 6
May 14	Ohio	May 6
May 14	Trenton, N. J. Adv. May 6.	May 6
May 14	Wauwatosa, Wis.	May 6
May 15	Anderson, Ind.	Apr. 8
May 15	Memphis, Tex.	May 6
May 17	Morgantown, W. Va.	Apr. 22
May 17	Pleasant Ridge, Mich.	May 6
May 17	Aberdeen, S. D.	May 6
May 17	Los Angeles, Calif.	May 6
May 17	San Diego, Calif.	May 6
May 18	North Dakota	May 6
May 18	Baltimore, Md. Adv. May 6.	May 6
May 18	Oxford, Miss.	May 6
May 19	North Dakota	May 6
May 19	Southmont (Johnstown P. O.), Pa.	May 6
May 20	Michigan	May 6
May 20	Pennsylvania Adv. May 6.	May 6
May 21	Alma, Kan.	Apr. 22
May 21	De Kalb, Miss.	May 6
May 24	Huntington, W. Va.	May 6
May 24	Garrett, Kan.	May 6
May 24	New Jersey Adv. May 6.	May 6
May 24	California	May 6
May 25	Wellington, Kan.	May 6
May 25	North Dakota	May 6
May 25	Manasquan, N. J. Adv. May 6.	May 6
May 25	Washington	May 6
May 26	Pratt, Kan.	May 6
May 26	Delaware	Apr. 29
May 26	Stuart, Fla.	May 6
May 27	Dodge City, Kan.	May 6
May 27	Charleston, W. Va.	May 6
May 28	Medicine Lodge, Kan.	May 6
June 1	Birmingham, Ala.	Apr. 22

Buildings—Commercial

May 7	Granville, Pa.	Apr. 29
May 7	Cleveland, O.	May 6
May 8	Frederick, Md.	Apr. 29
May 10	New Rochelle, N. Y. Adv. Apr. 22 to May 6.	Apr. 22
May 10	Phila., Pa.	May 6
May 10	Lansdowne, Pa.	May 6
May 11	New Britain, Conn.	Apr. 29
May 14	Farmington, Mo.	Apr. 29
May 14	Mason, Mich.	May 6
May 14	Okemah, Okla.	May 6
May 15	Williamsport, Pa.	May 6
May 15	Atlantic City, N. J.	Apr. 22
May 17	New Orleans, La.	May 6
May 17	Punta Gorda, Fla.	May 6
May 18	Columbus, O.	Apr. 15
May 19	Central Islip, N. Y. Adv. May 6.	May 6
May 19	Yonkers, N. Y. Adv. Apr. 29 and May 6.	May 6
May 19	Phila., Pa.	May 6
May 20	Ohio	Apr. 15
May 25	Iowa City, Ia.	Apr. 15
May 27	Iowa City, Ia.	May 6
June 8	Duluth, Minn.	May 6
June 14	New York, N. Y.	Apr. 29
July 1	Texarkana, Tex.	Apr. 22
Sept. 1	Vancouver, B. C.	Apr. 22

Buildings—Industrial

May 10	Detroit, Mich.	May 6
May 10	Versailles, Mo.	May 6
May 11	Weyauwega, Wis.	May 6
May 15	Williamsport, Pa.	May 6

Buildings—Educational, Religious

May 10	Sparta, Wis.	Apr. 29
May 10	Glen Olden, Pa.	May 6
May 10	Bridgeport, Conn.	May 6
May 11	South Jacksonville (Ind. br. Jacksonville), Fla.	Apr. 22
May 11	Hillside (mail Elizabeth), N. J.	Apr. 29
May 11	Gary, Ind.	Apr. 29
May 12	West Newton (Ind. br. Boston), Mass.	Apr. 29
May 12	Baltimore, Md.	Apr. 29
May 12	Milwaukee, Wis.	May 6
May 12	Fayetteville, Ark.	May 6
May 13	Mechanicsville, Ia.	May 6
May 13	Windsor, Ont.	Apr. 29
May 13	New York, N. Y.	May 6
May 13	Midland, Mich.	May 6
May 17	Dayton, O.	Apr. 29
May 18	Corning, Ia.	May 6
May 19	Danbury, Conn.	May 6
May 21	Portsmouth, O.	May 6
May 25	Underwood, Ia.	May 6
May 25	Oakland, Calif.	May 6
June 2	Juniata (br. Altoona), Pa.	May 6

Federal Government Work

May 10	Remodeling—Hamilton, O.	Apr. 22
May 11	Gate Chambers, etc.—Wash., D. C. Adv. Apr. 15 to May 6.	Apr. 15
May 11	Road—Arizona	Apr. 29
May 12	Levee—Vicksburg, Miss. Adv. Apr. 29 and May 6.	Apr. 29
May 12	Apartment—Great Lakes (mail Waukegan), Ill.	Apr. 29
May 12	Mains, etc.—Annapolis, Md.	Apr. 29
May 12	Refrigerating Plant—New London, Conn.	Apr. 29
May 12	Tile Lining—Newport, R. I.	Apr. 29
May 12	Roads—Colorado	May 6
May 12	Roads—Wyoming	May 6
May 13	Dredging—Indiana Adv. Apr. 29 and May 6.	Apr. 29
May 14	Remodeling—Miami, Fla.	Apr. 29
May 14	Pipe Line—Wash., D. C. Adv. Apr. 15 to May 6.	Apr. 15
May 18	Recreation—Augusta, Ga.	Apr. 15
May 18	Generators—Wash., D. C.	Apr. 22
May 18	Curbs, etc.—Camp Custer (Br. Battle Creek), Mich.	Apr. 29
May 18	Extension—Anderson, Ind. Adv. May 6.	May 6
May 25	Needle Valves—Oregon	Apr. 29
May 25	Dredging—Michigan	May 6
May 27	Sewer—Wash., D. C. Adv. May 6.	May 6
June 1	Steel Barges—Memphis, Tenn. Adv. May 6.	May 6
June 1	Charleston, S. C.	May 6
June 8	Hospital, etc.—North Chicago, Ill. Adv. May 6.	May 6
June 21	Hospital, etc.—Palo Alto, Calif.	May 6

Unclassified

May 10	Playground — Baltimore, Md.	May 6
May 11	Heating, Plumbing, etc. — Chicago, Ill.	May 6
May 13	Camp—Tullahoma, Tenn.	Apr. 22
May 13	Foundation, etc.—New York, N. Y.	May 6
May 14	Tunnel—Oakland, Calif.	Apr. 8
May 14	Support for Retaining Walls—Long Island City, N. Y.	May 6
May 14	Timber Piles and Platform — Albany, N. Y. Adv. May 6.	May 6
May 15	Heating, etc.—London, Ont.	Apr. 29
May 18	Signal System—Buffalo, N. Y.	Apr. 1
May 18	Borings—Phila., Pa.	May 6
May 19	Heating, etc.—Buffalo, N. Y. Adv. Apr. 29 and May 6.	May 6
May 19	Fire Alarm System, etc.—Utica, N. Y. Adv. Apr. 29 and May 6.	Apr. 29
May 25	Stadium—Austin, Tex. Adv. May 6.	May 6
May 26	Heating, etc.—Kings Park, N. Y. Adv. May 6.	May 6
May 28	Waterproofing Standpipe, etc. —Walpole, Mass.	Apr. 29
May 31	Wharf—Mobile, Ala. Adv. Apr. 29 and May 6.	Apr. 29

Materials

May 10	Ballast—Phila., Pa.	May 6
May 10	Road Oil—Lambertville, N. J.	May 6
May 10	Cedar Posts—Madison, Wis.	May 6
May 10	Iron Castings, etc.—New York, N. Y.	May 6
May 11	Culvert Pipe—Onawa, Ia.	May 6
May 11	Rock Asphalt—Chicago, Ill.	May 6
May 14	Lumber—New York, N. Y.	May 6
May 18	Road Oil and Tar — Minnesota	May 6

News of New Work

Waterworks

Proposed Work

Mass., Plymouth—Plans improving water system. $45,000 appropriated. Bd. Selectmen, engr.

N. J., Newark—Dept. Pub. Affairs, T. L. Raymond, dir., soon takes bids 2 earth dams and deep outlet channel for increasing city water supply from Echo Lake at Pequannock watershed. J. A. Holmes, hydraulic engr. J. W. Costello, City Hall, ch. engr.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, rejected bids Apr. 20, Torresdale Pumping Station, Contr. 816. G. H. Biles, dir. Noted Apr. 29.

N. C., Old Fort—Town retained Spoon, Lewis & Camp, consult. engrs., Greensboro and Asheville, to make surveys improving water supply system.

N. C., Shelby—Plans 6 m.g. water and pumping station. $165,000.

Fla., Waldo—Election May 11, $30,000 bonds, extending waterworks. E. W. Millican, mayor.

La., Franklin — Voted $150,000 bonds, increasing water supply from Grand Lake, and improving power plant, etc. H. A. Mentz, Hammond, engr. Noted Apr. 29.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ill., Warsaw—Soon takes new bids waterworks improvements, incl. 250 g.p.m. sand filter plant with pumps, motor, 2,500 ft. 4 and 8 in. c.i. pipe, 100,000 gal. tank on tower, etc. $30,000. E. Flad & Co., 1312 Chemical Bldg., St. Louis, Mo., engrs. Noted Mar. 4.

Wis., Edgerton — Making plans 600 ft. artesian well, and one 500 g.p.m. motor driven pump for additional water supply. W. G. Kirchoffer, Dean Bldg., Madison, engr. Noted Feb. 11.

Wis., Kenosha—C. M. Osborn, city mgr., rejected bids Apr. 15, two 36 in. hydraulic valves, c.i. pipe and specials. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, Ill., engrs. Noted Apr. 22.

Kan., Geneseo — Making preliminary plans new waterworks. $35,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Neb., Elk Creek — Voted $15,000 bonds, improving waterworks. G. Eversole, city clk.

Neb., Nelson—Voted $38,000 bonds, complete filtration plant.

S. D., Sioux Falls — Making preliminary plans improving waterworks, incl. 5 test wells, 300,000 gal. elevated tank; etc. $159,000. Maury & Gordon, 53 West Jackson Blvd., Chicago, Ill., consult. engrs.

Mo., Charleston—Soon takes bids complete waterworks and distribution system. $46,000. F. L. Wilcox, Chemical Bldg., St. Louis, engr. Noted Jan. 28.

Mo., Joplin—See "Unclassified."

Mo., New Madrid—Making preliminary plans additional 4 in. distribution mains, fire hydrants, and complete sanitary sewerage system, incl. pumping plant, etc. $65,000. E. Flad & Co., 1312 Chemical Bldg., St. Louis, engrs.

Mo., Pleasant Hill — Election May 18, $21,000 bonds, improving waterworks. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Tex., Amarillo — Making plans water supply system, incl. 16 mi. pipe line 2 pumping stations and reservoir with probable capacity of 5 m.g. $1,000,000. W.

See classified index on bids wanted on page 271

When Your Clients Say "Rush" You Can Obtain *Strong* Concrete in *3 Days*

Often a client comes to you and demands that his job be made available for use in the quickest possible time.

Then you want to speed up all along the line. Among other things, you do not want to wait the weeks usually required for concrete to reach the desired strength. You do not need to.

By using methods based on years of research and authenticated by thousands of tests and actual construction experience, you can obtain *strong* concrete in *3 days* with standard *Universal* cement, the same quality *Universal* regularly used.

To prepare for just such demands from clients, detailed information on the methods for obtaining *time*-saving, *strong* concrete in *3 days* with standard *Universal* cement will be sent promptly on request to

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Kingsted, 614 Interstate Bldg., Kansas City, Mo., engr.

Tex., Freeport—Freeport Light, Water & Ice Co., making preliminary plans increasing output from 250 gal. to 750 g.p.m., also pump house and centrifugal pump, etc. $15,000. Private plans.

Tex., Kyle—Election soon $60,000 bonds, new waterworks. Address Mayor.

Tex., Marshall — Voted $50,000 bonds, waterworks improvements. Noted Mar. 18.

Okla., Altus — Making plans new water supply, incl. 18 mi. 24 or 27 in. mains, impounding reservoir. $690,000. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs. Noted Mar. 11.

Okla., Enid—Voted $215,000 waterworks extension and pumping equipment. F. C. McGruder, Enid, engr. Noted Apr. 15.

Que., Lachine—Plans 3 bed filter plant. $120,000. A. Lopamboise, Lachine, engr.

Que., Lotbinere—M. O. Lemay, plans 4 mi. 6 in. c.i. mains in various streets, for municipality. $40,000. Engineers name withheld.

B. C., Burnaby — Municipality election May 29, $128,000 bonds, additions to waterworks. E. Smith, Municipal Hall, Edmonds, engr.

Bids Desired

Me., Augusta—May 19, at office Metcalf & Eddy, consult. engrs., 14 Beacon St., Boston, Mass., 10 m.g. distributing reservoir, etc., here, for City; adv. E. N.-R. May 6.

Conn., Norwalk—May 24, by Dist. Comrs. 2nd Taxing Dist., City Hall, 2½ m.g. distributing reservoir and appurtenances. N. S. Hill, Jr., 112 East 19th St., New York City, consult. engr.; adv. E. N.-R. May 6.

N. Y., Brooklyn—May 14, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., in Flatbush, Livonia, Rockaway, Scott, Troy and 19th Aves., Avenues L, R and S, Crystal, Jefferson, 53rd, 64th, 84th, East 27th, East 43rd, West 9th, North 15th and Bay 50th Sts., here.

N. Y., Long Island City—May 11, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., Ditmars and 60th Aves., Hazen, 23rd, 164th and 171st and Loubet Sts., Edison, Indiana, Olmsted and Tesla Pls., here.

N. Y., Nellston — May 15, by Village, water and sewerage systems. M. Vrooman, Gloversville, engr.; adv. E. N.-R. May 6.

N. Y., New York—June 2, by State Hospital Comn., Albany, 14 in. main from 1st Ave. at 111th St. to and under Harlem River to pump house of Manhattan State Hospital on Wards Island, here. L. M. Farrington, secy.; adv. E. N.-R. May 6.

N. J., Cedar Grove — May 10, by Twp. Comn., Pompton Ave., water distribution system, stand pipe, pumping station, pumps, etc. Runyon & Carey, 843 Broad St., Newark, engrs.

N. J., Jamesburg—May 10, by Bd. Institutions & Agencies, W. J. Ellis, comr., Trenton, 250,000 gal. tower, pump, pumphouse, etc., at State Home for Boys, here. $35,000. A. B. Mills, State Bldg., Trenton, engr.

N. J., South Belmar — May 10, by Boro. Council, water supply sy tem. F. E. Herbert, mayor; adv. E. N.-R May 6.

Pa., Phila.—May 7, by Comrs. Fairmont Park, 127 City Hall, air lift pumping equipment at aquarium, East Fairmont Park. A. Corson, ch. engr.

Md., Baltimore—May 12, by Bd. Awards, mains and excavating trenches in York Rd., for Bureau Water Supply. V. B. Siems, City Hall, water engr.

Mich., Flat Rock—May 10, by J. E. Mote, village clk., addition to water distribution system, incl. 6,160 ft. each trenching, and pipe, etc. $15,000. L. D. Beckley, 811 Owen Bldg., Detroit, engr.

Wis., Milwaukee—May 10, by Dept. Pub. Wks., R. E. Stoelting, comr., 13,033 ft. 6- to 16-in. c.i. mains in 11 streets. To exceed $15,000. City furnishes pipe. J. Schwada, City Hall, engr.

Mo., St. Louis — May 25, by Bd. Pub. Wks., 208 City Hall, rein.-con. foundation and sub-structure for power plant at Howards Bend Water Works Plant, St. Louis Co. $325,000. A. Pritchard, City Hall, dir. Noted Mar. 18.

Tex., Hico — Taking bids centrifugal pressure pump, 2,500 ft. c.i. pipe, etc. $10,000. Address J. C. Barrow, mayor.

Tex., Port Arthur — May 13, by J. C. Hamilton, city clk., one 10,000 g.p.m. low service and one 2,100 g.p.m. high service motor driven pumps. J. O. Herpin, Port Arthur, superv. engr.

Bids Received

O., Cleveland—Bd. Comrs. Cuyahoga Co., 6,500 ft. 8- to 12-in. c.i. mains in Wooster Pike, from Kassoff & Co., 3182 West 25th St., $32,552. Noted Feb. 4.

Wis., Appleton — Water Comn., Apr. 16, approximately 7,000 ft. 6 in. centrifugal pipe, from Natl. Cast Iron Pipe Co., 122 South Michigan Ave., Chicago, Ill., $5,362.

Contracts Awarded

Conn., Norwalk — Office Comrs. 2nd Taxing Dist., c.i. mains, etc. in various streets, to B. Nicoll & Co., Inc., 294 Madison Ave., New York City, $145,585; valves to Iowa Valve & Fdry. Co., Oskaloosa, Ia., $8,257. Noted Apr. 15.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 811, to A. P. Smith Mfg. Co., 111 Norman St., East Orange, N. J., $18,375; Contr. 812, to U. S. Cast Iron Pipe & Fdry. Co., 1421 Chestnut St., $7,266; also Contrs. 815 and 817, to C. M. Brown & Co., Lafayette Bldg., $20,177 and $1,596 respectively. Grand total $47,414. Noted Apr. 29.

O., Bexley (Columbus P. O.) — S. W. Roderick, village clk., 850 ft. c.i. mains in Main St., and 1,700 ft. in Walnut St., to A. F. Riley, 1220 Esper St., Columbus, $5,040; also 9,000 ft. 8- to 12-in. c.i. mains in Cassady Rd., Maryland, Allegheny Aves., etc., to W. Neilson, 169 East Lane Ave., Columbus, $21,665. Noted Apr. 22.

O., Cincinnati — Director Pub. Serv., 10,800 ft. 6- to 36-in. c.i. mains in Central Parkway from 8th and Eggleston Ave., to Findlay St., to Crumley, Jones & Crumley, 906 Main St., $111,211. Engrs. est. $110,000. C. O. Sherrill, City Hall, engr. Noted Mar. 11.

O., Cincinnati—Hamilton Co., 18,587 ft. 4- to 6-in. c.i. mains in Water Supply Line 29, Dist. 3 (Golf Manor), to E. Meier, Ringgold Ave., $36,835. Engrs. est. $39,924. Noted Jan. 21.

O., Cincinnati — Comrs. Hamilton Co., 43,432 ft. 6- to 10-in. c.i. mains in Water Supply Line 24, Dist. 2 (White Oaks, 2nd Contr.), to J. Dempsey, 5310 Carthage Ave., Norwood, $91,449. Engrs. est. $95,069.

O., Cleveland — Comrs. Cuyahoga Co., 6,500 ft. 8- to 13-in. c.i. mains in Wooster Pike, to Kassouff & Co., 3182 West 25th St., $32,552. Noted Apr. 8.

O., Upper Arlington (Columbus P. O.)—See "Sewers."

Mich., Detroit—Dept. Water Supply, to Robeck-Humphreys, 408 Securities Bldg., Omaha, Neb., c.i. mains, etc. in Contr. 1926-4 $20,787, Contr. 1926-6 $26,912 and Contr. 1926-9 $35,389; to J. W. Toyne, South Bend, Ind., Contr. 1926-5 $25,251 and Contr. 1926-8 $37,232; and to L. J. Clancy, 3137 Canton St., Contr. 1926-7 $24,131. Grand total $169,702. Noted Apr. 2 and 22.

Mich., Detroit — Dept. Purchases & Supplies, 2,625 ft. 48 in. steel pipe, 3 manholes, etc., to J. McNeil Co., 29th St., Pittsburgh, Pa., $29,376. Noted Apr. 22.

Mich., Detroit—Dept. Water Supply, 15,000 ft. each 6 and 8 in. monolithic pipe, to Amer. Cast Iron Pipe Co., Acipo St., Birmingham, Ala., at $0.64 and $0.91 per ft. respectively; 18,000 ft. 6 in. and 12,000 ft. 8 in. Universal pipe, to Central Fdry. Co., 332 South Michigan Ave., Chicago, Ill., at $0.70 and $1 per ft. respectively; 99,000 ft. 6 in. and 105,000 ft. 8 in. centrifugal pipe, to U. S. Cast Iron Pipe & Fdry. Co., East Burlington St., Burlington, N. J., at $0.72 and $1.02 per ft. respectively.

Ill., Staunton—For 48,000 ft. 2- to 12-in. c.i. pipe, 44 fire hydrants, 65 gate valves, etc., to Cole & Fauber, Marion, $58,799. Noted Apr. 22.

Wis., Kenosha—C. M. Osborn, city mgr., 2½ m.g. rein.-con. reservoir at filtration plant, to O'Dea & Shafer, Genl. Del., Madison, $67,400. Noted Apr. 22.

Wis., Madison—W. Winckler, city clk., 13,083 ft. 6- to 10-in. mains in various streets, to O'Dea & Schafer Co., Oregon Rd. Engrs. est. $15,000.

Tex., Greenville—Class "B" c.i. pipe, to A. D. Duck, Greenville, $54,256. Noted Apr. 8.

Ont., Belle River — Pumps, to Turbine Equipment Co., 73 King St. W.; and filters, to F. Hankin Co., 386 King St. W. Engrs. est. $60,000.

B. C., Vancouver—City, 20,000 ft. 6 in., 5,000 ft. 8 in., and 5,000 ft. 12 in. c.i. pipe, to Grinell Co. Ltd., 1132 Hamilton St., $32,500; same quantity, but lighter pipe, also one hundred 6 in., fifty 8 in. and fifty 12 in. valves, to Evans, Coleman & Evans, Ltd., foot Columbus Ave., $22,539 and $6,144 respectively. Grand total $61,183.

Sewers

Proposed Work

Mass., Adams — Plans sewers in Spring, Crandall and Cherry Sts. $25,000. Address Town Engineer.

Mass., Salem—Plans extending sewerage system. $36,500 appropriated. Sewer Dept., engr.

Conn., Hamden (br. New Haven)—Plans extending sewers in various streets. $100,000 appropriated. F. W. Wright, Town Hall, engr.

N. Y., Rochester—Plans sewage disposal plant, in Hopper Hollow. $50,000.

N. C., Greensboro—Plans election $300,000 bonds, storm sewers in various streets. E. B. Jeffress, mayor.

Fla., Waldo — Election May 11, $25,000 bonds, sewers in various streets. E. W. Millican, mayor.

O., Youngstown—Plans sanitary sewer in Crab Creek Dist. $240,000. R. E. Turner, city engr.

Mich., Fordson—Making plans 8,000 ft. sewer in Chase Rd. $600,000.

Ill., Mt. Vernon — Making preliminary plans complete sanitary sewerage system. $275,000. P. B. Wilson, Marion, engr.

Wis., Westby — C. Villand, city clk., making plans 3.5 mi. sewerage system. $25,000. W. G. Kirchoffer, Dean Bldg., Madison, engr.

Kan., Newton—Plans rebuilding sprinkling filter and disposal plant. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Onaga—Making preliminary plans sewerage system. $40,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Kan., Wathena — Making preliminary plans sewage disposal plant and sanitary sewers in various streets. $42,000. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

Mo., Charleston—Soon takes bids complete sanitary sewerage system and extensions. $30,000. F. L. Wilcox, Chemical Bldg., St. Louis, engr. Noted Jan. 28.

Mo., Clayton—Making preliminary plans complete sewerage system in West Walnut Manor and Jennings Sewer Dists. Each $200,000 upwards. F. M. Dozier, 730 Leland Ave., engr.

Mo., Joplin—See "Unclassified."

Mo., New Madrid—See "Waterworks."

Mo., Webster Groves (Ind. br. St. Louis)—Making preliminary plans 8- to 36-in. sewers in River Des Peres Dist. 1, to serve Webster Groves, Shrewsbury and Glendale, St. Louis Co. $2,000,000. L. F. Booth, 447 Lee St., A. W. Westrup, 204 East Big Bend St., and C. H. Holekamp, 239 East Swan Ave., comrs.

Mo., Wellston (Sta. St. Louis)—Making preliminary plans 8- to 36-in. sewers in North Wellston Sewer Dist. To exceed $750,000. Ralph & Baxter, Commercial Bldg., Clayton, attys.

Okla., Prague—Voted $28,000 bonds, new sanitary sewerage system. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Apr. 22.

Okla., Wetumka—Election May 11, $30,000 bonds 1 mi. new outfall sewers, disposal plant, Imhoff tanks, etc. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Mar. 11.

Calif., Glendale—Soon takes bids 30,632 ft. 8 in. vitr. sewers, and 12,246 ft. 6 in. house connections, etc., in Palmer and Magnolia Aves., etc. J. F. Johannsen, city engr.

Calif., Ojai—Made plans, sewage disposal plant, incl. sand filter beds, and centrifugal sewage ejector pumps, and vitr. sewers, etc., in portions of Signal, Blanche Sts., etc. To exceed $25,000. D. S. Miller, Long Beach, engr.

Calif., Redwood City—Made plans 17,140 lin.ft. 4- to 8-in. vitr. sewer, etc. in Central Park 2, Wooster-Witton and Montgomery sub-division. C. L. Dimmitt, city engr.

Calif., San Bernardino — City retained Burns-McDonnell-Smith Eng. Co., engrs., 415 Rives Strong Bldg., Los Angeles, to make surveys, plans, etc. for modern Sewage treatment plant, incl. submains and outfall sewers extending over several miles and passing under San Gabriel River, etc. $750,000.

Ont., Port Colborne—City Council plans sewerage system. $300,000. A. W. Connor, 301 Metropolitan Life Bldg., Toronto, engr.

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Sewers (Continued)

Ont., Riverside—Making plans (1st unit) sanitary sewerage system. $55,000. Total $275,000. A. Smith, City Hall, engr.

Bids Desired

Conn., West Haven (br. New Haven)—May 14, by Bd. Selectmen, sewer extensions and pumping equipment with appurtenances. $60,000. Noted Dec. 3.

N. Y., Brooklyn—May 12, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, sewers in East 5th St., Ave. L between East 5th St. and Ocean Parkway, and Ave. L between East 31st and East 32nd Sts.

N. Y., Brooklyn — See "Streets and Roads."

N. Y., New York — See "Streets and Roads."

N. Y., Nellston—See "Waterworks."

Md., Baltimore—May 12, by Bd. Awards, 810 ft. 24- to 33-in. rein.-con. sewer in Dist. H-1, Sanitary Contr. 235. M. J. Ruark, City Hall, sewerage engr.

Fla., Miami—May 17, by City Comrs., 6,171 lin.ft. concrete, and 1,399 lin.ft. vitr. storm sewers in Sewer Impvt. Dist. 192. C. S. Nichols, Div. Sewage Disposal, engr. Noted Apr. 1.

La., Plaquemine—May 25, by F. Vilbert, mayor, and Bd. Selectmen, storm sewers, sidewalks and curb and gutter improvements. Swanson-McGraw, Inc., Balter Bldg., New Orleans, consult. engrs.; adv. E. N.-R. May 6.

Ky., Louisville — May 28, by Commissioners of Sewerage of Louisville, M. H. Crawford, chn., widening and lowering present creek channel, concreting sides and bottom of same, and remodeling and reconstructing several small sewers across it, known as Beargrass Creek Impvt., South Fork-Sect. H, Contr. 27. J. B. F. Reed, ch. engr.; adv. E. N.-R. May 6.

O., Cleveland—May 12, by City, sewers in Urbana Rd. N. E., East 112th St., Bader, Ira, Schiller Aves., etc. To exceed $100,000. R. Hoffman, City Hall, engr.

O., Kent — May 10, by Bd. Control, sanitary sewers in various sections. $75,000.

Mich., Muskegon—H. L. Brown, archt., 711 Union Bank Bldg., taking bids 10,050 ft. 6- to 8-in. vitr. clay sewers in Glenside sub-division, for Muskegon Utilities Co. $26,000.

Mich., Royal Oak (Ind. br. Detroit) — May 10, by R. H. Whitney, city mgr., constructing Storm Water Sewer 13, 7,975 ft. 10- to 48-in. vitr. and concrete pipe; Storm Sewer 14, 4,248 ft. 10- to 54-in. pipe; and Storm Sewer 15, 6,720 ft. 12- to 42-in. pipe, etc. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Niles—May 25, for sewerage system. $20,000. Consoer, Older & Quinlan, Inc., Marquette Bldg., 140 South Dearborn St., Chicago, consult. engrs.; adv. E. N.-R. May 6.

Ill., Savanna—See "Streets and Roads."

Minn., St. Paul—May 11 (extended date), by A. E. Eggert, city purch. agt., constructing Trout Brook Sewer, Contr. A, $600,000 and Highland Park Sewerage System, $175,000. G. M. Shepard, city engr. Noted Apr. 29.

Calif., Beverly Hills — May 17, by City Trustees, 25,774 lin.ft. 6- to 10-in. sewer, etc., in area south of Country Club Dr. and west of Beverly Dr. J. C. Albers, city engr.

Calif., Pasadena — May 18, by B. Chamberlain, city clk., sludge dryer for sewage disposal plant. W. C. Earle, city engr.

Bids Received

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, Apr. 28, from J. Jenning, Belle Harbor, sewer in Van Sicklen St., $19,732; from Tomassetti & Co., 1133 60th St., in Ft. Hamilton Parkway $15,370, and in East 26th St. $41,903; from Mannrill Constr. Co., 2035 Douglass St. in East 45th St., $24,279; from A. W. Matarazzo, 1162 61st St., in Ocean Ave. $53,806, 62nd St. $29,819, and Schenectady Ave. $22,223, from R. Nazzarro, 1150 62nd St., in East 18th St. $59,278; from S. Guerriero, in West 10th St. $25,423, and 53rd St. $24,539. Noted Apr. 22.

O., Cleveland—For 6,000 lin.ft. 8- to 36-in. sewer in Bway. and Brookpark Rds., Impvt. 75, Sect. B, from E. Cesa, 2462 Baldwin Rd., concrete $64,748; from W. McDowell & Son, 10319 Miles Ave., brick $66,635.

Wis., Antigo—G. C. Palmer, city clk., Apr. 21, 20 x 35 ft., concrete and steel sewage disposal plant, from Manitowoc Constr. Co., 826 South 8th St., Manitowoc, $92,585. Noted Mar. 25.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Apr. 28, 2,319 ft. 5 ft. 6 in., 2,213 ft. 3 x 6 ft. and 2,325 ft. 2 x 3 ft. monolithic concrete storm sewer, tunnel, etc., in Loyd, 16th and Wright Sts., from J. Brogan & Sons, 211 Grand Ave., $186,756.

Tex., Corsicana—Extending 32,560 ft. 6- to 36-in. sewers in various streets, from Agar & Gentry, San Benito, approximately $28,000.

Contracts Awarded

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, to J. F. Cogan, Grand Central Terminal, relief sewer in 5th Ave., $615,245; to A. W. Matarazzo, Inc., 1163 61st St., sewers in East 9th St. $9,143, East 38th St. $4,238, West 4th St. $3,266, and 11th Ave. $1,700, to Mazzarro & Guerriero, 6712 11th Ave., East 8th St. $5,784, to Peconi Contg. Co., 578 18th St., 64th St. $2,141, and to R. Iovino, 678 Glenmore Ave., 20th St. $1,312. Grand total $642,829. Noted Apr. 22.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to J. G. Gallo, 30th and State Sts., Flushing, sewer in Riker Ave. $7,614; to Kennedy & Smith, 93 Bradford St., Flushing, in Hazen St. $219,980, in Polk Ave, $143,814, and 91st Ave. $36,010; to J. H. Johnson, 37 Brittan Ave., Elmhurst, Calamus Ave., $84,541; to Greenough Koppinger Co., Inc., Flushing, Pacific St. $3,581; to C. Pettrancca, 737 Kathleen Court, Brooklyn, 37th St. $37,997; to Welch Bros. Contg. Co., Queens St., Astoria, Leavitt St. $45,253. Grand total $578,680. Noted Apr. 29.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to Highway Impvt. & Repair Co., 50 Church St., New York City, sewers in Foch Blvd. $638,766, Springfield Blvd. $618,760, Hempstead Ave. $367,944, and Jamaica Ave. $944,680. Grand total $2,570,150. Noted Apr. 15.

N. J., Hasbrouck Heights (Ind. br. Hackensack) — Mayor and Boro Council, J. P. Breeze, clk., 29,000 lin.ft. 4 in. vitr. sewers, etc. between curb line and main sewers in various streets, to Lo Proto Constr. Co., 50 Main St., Lodi, $26,212. Noted Apr. 29.

N. J., Newark—T. L. Raymond, dir. Pub. Affairs, City Hall, Sect. 4, Waverly Sewers, 7,150 lin.ft. 10- to 36-in. rein.-con. pipe, etc., to Spinello Constr. Co., 393 Monroe St., Orange.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, main sewers in Aramingo Ave., to J. J. McHugh, 1617 Race St., $27,872; 8th St., to P. and A. J. Ellis, 48th and Wyoming Sts., $46,522; Gillespie and Mansfield Aves., to O'Neil Co., 127 East Mermaid Lane, $141,599 and $159,661 respectively. Grand total $375,654. Noted Apr. 15.

Fla., St. Augustine — See "Streets and Roads."

O., Bexley (Columbus P. O.) — S. W. Roderick, village clk., 9,000 ft. 8- to 12-in. vitr. sewers in Broad St., Stanwood Rd., alley north Broad St., and alley east Remington Rd., to H. M. Bright, 1554 Safford Ave., Columbus, $13,332; and 8,500 ft. 8- to 12-in. in Maryland Ave., alleys east Cassady Ave. and Ardmore Rd., and alleys north Ruhl and Bellwood Aves., to McHugh Bros., 275 Reinhard Ave., Columbus, $15,298. Noted Apr. 22.

O., Cleveland—Constructing 90 ft. 3 x 12 in. rein.-con. sewer in Bellaire Blvd., to E. Gedney, 905 Parkway Dr., $3,795; sewer in Carrowdale Ave., to Amata Constr. Co., 5910 Kinsman Rd., $17,963; 407 ft. 6 ft. 3 in. E and 600 ft. 5 ft. 3 in. C brick sewer in Quincy Ave., to Winterbottom & Connelly Constr. Co., 1406 West 25th St., $40,178; and 360 ft. 4 ft. 6 in. and 425 ft. 4 ft. brick sewer in West 58th St., to Janashak & Callow, 13606 Union Ave., $17,262. Grand total $79,198.

O., Upper Arlington (Columbus P. O.)—N. R. Copeland, village clk., 26,900 ft. 8 and 10 in. sewers, etc., in Baldridge, Suffolk, Tewsbury, Beverly, Wickford, Chatfield, Berkshire, Collingswood, Andover, Coventry, Henthorne, Parkway, Kent, York and Wilshore Rds., to Ames Bros., 135 Oakland Ave., Columbus, $39,870; also 6,130 ft 6- to 12-in. c.i. mains in 14 various streets, to A. F. Riley, 1220 Esper St., Columbus, $10,705. Noted Apr. 29.

Mich., Detroit—For 7,028 ft. 12- to 24-in. sewer in Lateral 4577, to Detroit Drainage Constr. Co., Meyers Ave., $39,500; also 13,719 ft. 12- to 15-in. vitr sewer in Lateral 4539, to W. Blanck Co., 40 Seven Mile Rd. E., $28,732.

Ill., Chicago—Bd. Local Impvts., City Hall, tile sewers, etc., in West 51st St. from South Robey St. to South Hoyne Ave., in Estes Ave. from point 110 ft. east to point 450 ft. west North Brockwell St., in Carmen Ave. from North Westenaw Ave. to North Rockwell St., in Oketa Ave. from Northwest Highway to Olmsted Ave. and to Ogallah Ave., in West 91st Pl. from South Paulina St. to Beverly Ave., in 104th Pl. from South Talman Ave. to South Rockwell St., and in West 92nd St. from South Marshfield to Beverly Aves., to G. F. Santry Co.; in South Green St. from West 104th to 105th Sts., and in Parnell Ave. from West 95th to West 99th Sts., to A. Ranieri, 4901 Altgood St.; in South Ashland Ave. from West 111th St. to alley south of West 110th St., to Mancini & Ventrella; in South Green St., from West 95th to West 98th Sts. and South Morgan St. from West 105th to West 107th Sts., to G. Barry, 5924 South Wabash Ave.; in Wallace St. from West 104th to West 107th Sts. to F. Peyrot, 4207 Marmore Ave.; in Avenue L from East 108th to East 106th Sts., and Avenue L from East 108th to East 110th Sts., to O. Scully, 7658 Laflin St. Noted Apr. 8.

Ill., Zion—For 2,700 ft. 24 in. rein.-con. and 49,350 ft. 8- to 15-in. vitr. clay sewers, etc. in various streets, to Zion Building Industry, R. M. Steel, mgr., Zion, $123,579. Engrs. est. $136,186. Noted Oct. 29.

Wis., Beloit—G. E. Heebink, engr., City Hall, 17,120 ft. 8- to 21-in. concrete or vitr. sewers, etc., in various streets, to Cooper & Hansen, Iowa Falls, Ia., $43,245. Noted Apr. 29.

Mo., Kansas City—For 5,390 ft. 10 in. vitr. clay and 6,520 ft. 12- to 48-in. concrete sewer, etc. in Dist. 521, Div. 6, to T. P. Thompson, 3908 Forest Ave., $66,727; also 8,290 ft. 8 and 10 in. vitr. clay and 5,960 ft. 12- to 39-in. concrete sewer, etc. in Dist. 461, Div. 5, to J. Spitcaufsky, 2452 Benton Blvd., $50,949.

Okla., Okemah—J. S. Price, city clk., 3 mi. lateral sewers in Lateral Dist. 2, to Park & Moran, 210 South Seminole St., Okmulgee, $28,085. Engrs. est. $29,000. Noted Apr. 8.

Calif., North Sacramento — For 62,700 lin.ft. 6- to 15-in. vitr. sewers, etc. in various streets, and sewage pumping plant, to United Concrete Pipe & Constr. Co., Merced, $89,994. Noted Apr. 22.

Waste Disposal

Proposed Work

Fla., West Palm Beach—Voted $15,000 bonds, incinerators. C. A. Bingham, city mgr.

Bids Desired

Ala., Mobile — June 3, by City Comrs., two 50 ton incinerators. G. E. Crawford, mayor; adv. E. N.-R. May 6.

Bridges

Proposed Work

Mass., Adams—Plans 3 new concrete and steel bridges on old sites, one on Spring St. $16,000, one on Fiske St. $4,000, and other Mill St. $10,000.

Mass., Boston—Dept. Pub. Wks., making plans 550 ft. and 100 ft. draw and 60 ft. girder span, concrete and steel, bridge, Fort Point Channel at Congress St. To exceed $25,000. J. McCarty, City Hall, engr.

Mass., Orleans—Orleans Associates, C. W. Carlton, trustee, plans concrete bridge over Pocket Inlet. $25,000. Engineer not selected.

Mass., Plymouth — See "Streets and Roads."

Conn., Saybrook—New York, New Haven & Hartford R.R., E. Gagel, ch. engr., New Haven, soon takes bids steel and concrete bridge, at Old Saybrook railroad crossing, here. $30,000.

New York and New Jersey—New York State Legislature appropriated $1,000,000 for 5 consecutive years constructing Hudson River Bridge from 178th St., New York City, to Ft. Lee, N. J., New Jersey also appropriated $5,000,000 toward cost. Total about $50,000,000 of which $40,000,000 will be raised through sale of bonds by Port of Authority.

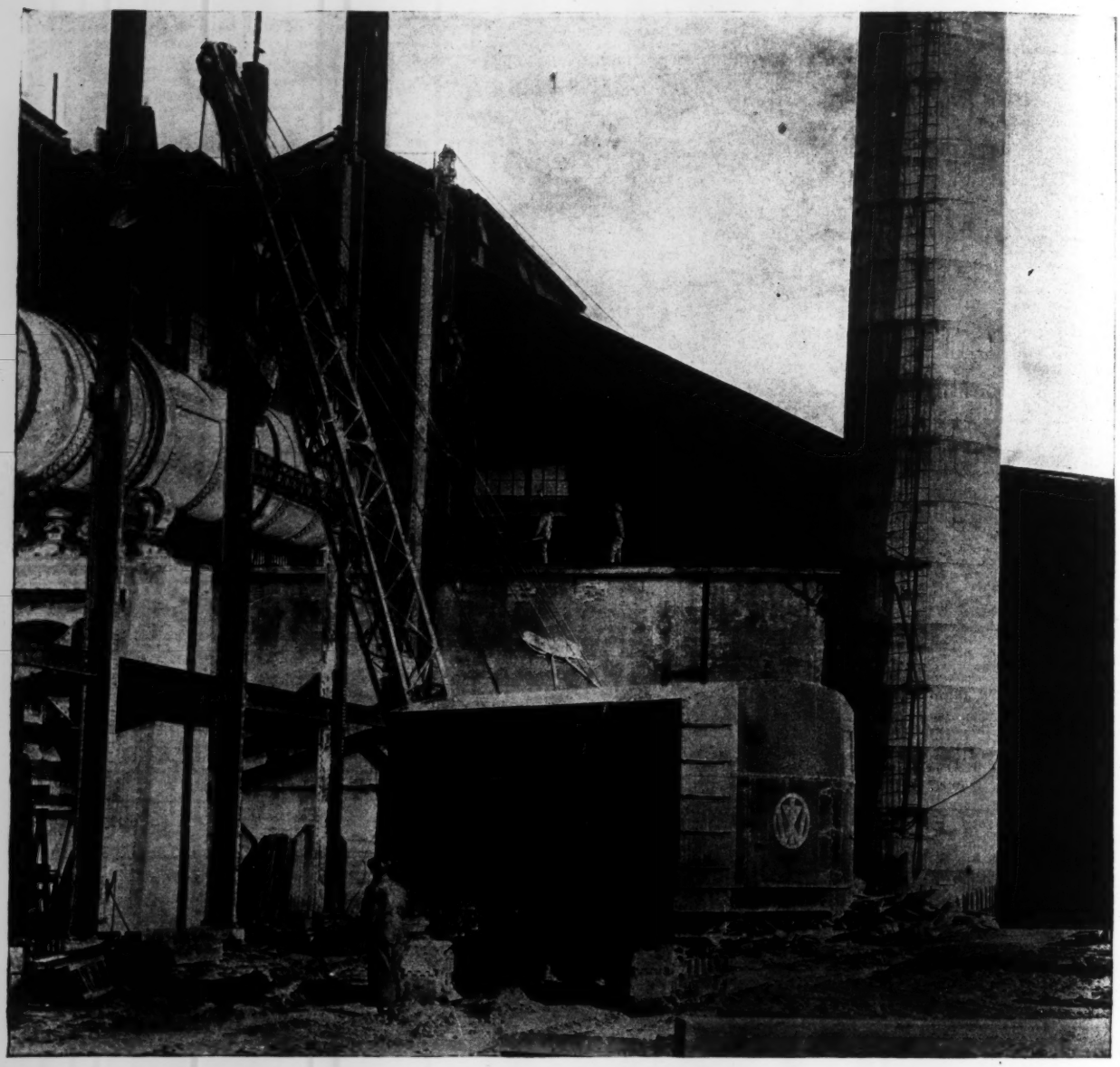
New York and New Jersey—New York and New Jersey appropriated $50,000 each for surveys, soundings, borings, etc., for construction Bayonne-Staten Island Bridge. Port New York Authority, 11 Bway., New York City, will construct same.

N. J., Clinton—State Hy. Comn., Trenton, plans bridge over Raritan River, here, Hunterdon Co. $75,000. W. G. Sloan, Trenton, highway engr.

West Virginia—State Hy. Comn., Charleston, plans bridge over Guyandat River at Percks Mill. E. B. Carskadon, highway comr.

Fla., West Palm Beach—Voted $100,000 bonds, 2 bridges. C. A. Bingham, city mgr.

Miss., Pascagoula—State Legislature authorized Jackson Co. to issue bonds for funds with which to construct bridge across Pascagoula River forming link in Old



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Bridges (Continued)

Spanish Trail. T. H. Emerson, U. S. Dist. engr., Mobile, Ala.

O., Massillon — Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., A. C. Shand, ch. engr., plans replacing present wooden bridge with steel and concrete bridge, South Erie St., here. $33,000.

O., Ravenna — Portage Co. plans steel and concrete overhead bridge over Pennsylvania R.R. tracks, south of Rootstown Sta. $64,755. State appropriated one half of cost.

Ill., Beardstown—Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, A. W. Newton, ch. engr., plans rebuilding 6 span bridge across Illinois River, here. $100,000.

Kan., Columbus—St. Louis & San Francisco R.R. Co., St. Louis, Mo., F. G. Jonah, ch. engr., made plans one 16 ft., six 24 ft. and one 48 ft. span concrete viaduct over railroad tracks, on Federal Aid Project 96-B, Cherokee Co., near here.

Mo., Vienna—State Hy. Dept., Jefferson City, plans bridge over Gasconade River, about 6 mi. southeast of here. B. H. Piepmeier, ch. engr.

Ark., Batesville—Batesville Bridge Impvt. Assn. and State Hy. Dept., Little Rock, take bids probably in June or July, concrete and steel bridge over White River. $303,549. R. C. Limerick, highway engr. Noted Feb. 18.

Ont., London — Middlesex Co. Council making plans and takes bids in May rein.-con. and steel bridges. $100,000. C. Talbot, County Bldg., engr.

Bids Desired

Vt., Arlington—May 12, by Town, Clerks Office, Town Hall, 1 span steel and concrete bridge, on site Old Water St. Bridge. $25,000. Private plans.

Mass., Somerville (Boston P. O.)—May 12, by Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, 1 span concrete bridge and retaining walls, near Medford St. $25,000. J. R. Rablin, c/o owner, engr.

N. Y., Poughkeepsie—May 19, by F. S. Greene, supt. Pub. Wks., Albany, 2 main river piers for Mid-Hudson Bridge, here, Contr. 3; adv. E. N.-R. May 6.

Pa., Coraopolis — May 12, by Controller Allegheny Co., Court House, Pittsburgh, transferring present 6th St. spans, Pittsburgh, and placing same over Ohio River, here. $500,000. County Dept. Pub. Wks., 519 Smithfield St., Pittsburgh, engrs.

Fla., Sebring—June 1, by City, rein.-con. arch bridge over South Arm of Lake Jackson. E. M. Clawson, city engr.; adv. E. N.-R. May 6.

La., New Orleans—May 18, by W. T. Hall, acting comr. Dept. Pub. Finance, City Hall, constructing Canal St. Viaduct between Front St. and Mississippi River, $16,000; and bridge over Outfall Canal, on Behrman Ave., Algiers, here, $10,000.

Ohio—May 14, by Dept. Highways & Pub. Wks., Columbus, constructing steel and concrete bridges in Monroe, Perry, Clermont, Logan, Meigs, Morgan and Sandusky Counties. $162,846. F. G. Schlesinger, highway engr.

Indiana—May 12, by J. D. Williams, dir. State Hy. Comn., Indianapolis, constructing five 84 ft. span bridge on Road 1-H, Bartholomew Co.; 20 ft. and two 30 ft. span bridge over Pennsylvania R.R. tracks, on Road 3-E, Clay Co.; 2 bridges, one 14 ft. span and other two 14 ft. spans, on Road 28-D, Daviess Co.; and 34 ft. span bridge and three 50 ft. span bridges on Road 33-B, Mountain Co.; 45 ft. span bridge, on Road 1-V, Fulton Co.; two 22 ft. spans on Road 7-K, and one 66 ft. and two 28 ft. span bridges, Road 11-G, both Huntington Co.; five 84 ft. span bridge, Road 1-1, Johnson Co.; two bridges one 38 ft. span and other two 26 ft. spans, Rd. 10-D, also 38 ft. span bridge over the Chicago & Eastern Illinois R.R. tracks, Road 10-F, Knox Co.; two 30 ft. span and one 38 ft. span bridges, Road 27-D, Kosciusko Co.; two 16 ft. span bridge, Road 28-A, and one 24 ft. span bridges, Road 28-B, Pike Co.; 30 ft. span bridge, Road 3-F, and 28 ft. bridge, Road 31-E, Putnam Co., etc.

Mich., Mt. Clemens—May 13, by W. W. Lavers, engr., Plymouth 50 ft. span steel deck girder bridge with 22 ft. roadway and 5 ft. sidewalk, also 1 span 35 ft. bridge with 22 ft. roadway across Deer Creek at southern limits of Armada, for Macomb Co.

Wisconsin—See "Streets and Roads."

Kan., Pratt—See "Streets and Roads."

Tex., Memphis—See "Streets and Roads."

Okla., Blackburn—May 10, by M. C. Cunningham, clk. Pawnee Co. (Pawnee), 6 new concrete piers under present steel bridge, here. $32,600. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

New Mexico — May 17, by office State Hy. Comn., Santa Fe, (**F. A. P. means Federal Aid Project**), constructing one 89 ft. steel and two 15 ft. approach spans, etc. over Salado Creek, F.A.P. 11-Reo, about 2 mi. east of Capitan, Lincoln Co.; nine 21 ft. creosoted timber spans, etc. over Santa Fe River, F.A.P. 88-C, Sandoval Co.; and 140 ft. steel span bridge over Farmington Glade, F.A.P. 147-A, San Juan Co. J. A. French, Santa Fe, highway engr.

Idaho, Kooskia—May 19, at office P. E. Oxley, dist. engr., 202 Pioneer Bldg., Lewiston, constructing three 180 ft. steel spans, etc., over Clearwater River on Lewis and Clark Highway, Federal Aid Project 83-A, here, Idaho Co., for State Hy. Dept., Boise.

California—May 24, by State Hy. Comn., Sacramento, five 54 ft. and eight 36 ft. 9 in. span, rein.-con. girder bridge, 40 ft. roadway, etc., over Santa Ana River, 2 mi. north of Santa Ana, Orange Co. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Los Angeles — May 26, by Bd. Pub. Wks., 402 ft. rein.-con. girder bridge, 56 ft. roadway, etc. over Los Angeles River, on Fletcher Dr. M. Butler, City Hall, city bridge engr.

Que., Maskinonge—May 21, by J. A. A. Lemire, Maskinonge, 2 concrete and steel bridges over River Maskinonge. $45,000. I. E. Vallee, 67th St. Cyrille St., Quebec, engr.

Que., St. Pierre les Becquets—May 15, by I. E. Vallee, engr., 67 St. Cyrille St., Quebec, 3 span 250 ft. concrete and steel bridge, here, for Pub. Wks. Dept., Quebec. $65,000.

Bids Received

Maine—State Hy. Dept., Augusta, Apr. 21, constructing Baileys Island Bridges in Harpswell, from D. W. Carlton, Woolwich, $103,570; Hobart St. Bridge in Edmunds, from Burbee Constr. Co., Gardiner, $37,602; Handy Brook Bridge in Readville, from Town of Readville, $2,419; Mill Bridge in Stetson, from Smith & Tweedie, Westfield, $4,759 respectively; Toddy Pond Bridge in Orland and Woodman's Bridge in Searsmont, from Green & Wilson, Waterville, $4,752 and $10,964 respectively; Butler Bridge and Great Works Bridge in New Portland, from U. Netivier, Rumford, $9,315 and $9,972 respectively. Noted Apr. 15.

Mass., Bridgewater — Dept. Pub. Wks., Boston, Apr. 27, 600 ft. concrete bridge and bituminous macadam approaches, here, from Powers Bros., 161 Montello St., Brockton, $30,259. Noted Apr. 22.

Rhode Island — Office State Bd. Pub. Roads, State House, Providence, Apr. 28, State Bridge 143, from Curtis, Quillen & Co., 350 Westminster St., Providence, $3,500; Bridges 204 and 205, from F. T. McCarthy Co., Newton, Mass., $6,737; Bridges 206 and 207, from Engineering Serv. & Constr. Co., 220 Devonshire St., Boston, $16,839; and Bridge 213, from Kelleher Bros., Turners Falls, Mass., $3,424. Noted Apr. 15.

O., Cincinnati—See "Streets and Roads."

Tex., Baird—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Tex., Sweetwater — See "Streets and Roads."

Contracts Awarded

Massachusetts—See "Streets and Roads."

Georgia—State Hy. Dept., East Point, bridge on Marietta-Carterville Rd., Federal Aid Project 413-B, Cobb Co., and 2 bridges on Columbus-Macon Rd., Federal Aid Project 445-A, Talbot Co., to Nicholas Constr. Co., 21 South Candler St., Atlanta, $6,514 and $8,613 respectively; 2 bridges over Puglis Creek and one over Big Creek, State Aid Project G-6-47, Laurens Co., to R. H. Holz, Atlanta, $37,447; and 4 bridges on Coastal Highway near Brunswick, Federal Aid Project 432-C, Glynn Co., to T. P. Wright, East Point, $203,688. Grand total $256,262. Noted Mar. 18.

Ohio—Dept. Hys. and Pub. Wks., Columbus, steel bridge over Big Racoon Creek, Sect. "K" McArthur-Athens Rd., Vinton Co., to Standard Eng. & Constr. Co., 2463 Bway., Toledo, $21,990; concrete slab bridge, Sect. "D" Zanesville, New Lexington Rd., Perry Co., to Glass Bros., Crooksville, $3,352; rein.-con. bridge over McConnel Run, on Sect. "McConnel Run Bridge" Marietta-McConnelsville Rd., and bridge over Perry Run, Sect. "Perry Run Bridge," same road, both Morgan Co., to I. J. Kuhner, Jackson, $11,390 and $8,690 respectively; concrete bridge on Sect. "K" Logan-Lancaster Rd., Hocking Co., to L. S. Gaty, 387 Linwood Ave., Columbus, $9,837, on Sect. "E" Cincinnati-Batavia Rd., Clermont Co., to C. H. Dunn, Mt. Orab, $3,771, bridge on Marietta-McConnelsville Rd., Washington Co., to H. Pattin, Beverly, $9,581, and 3 bridges on Sect. "B" Athens-Hockingport Rd., Athens Co., to F. H. Beckler, Athens, $12,990. Grand total $80,601. Noted Apr. 29.

Ill., Decatur — Wabash R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., R. H. Howard, ch. engr., 1,062 ft. rein.-con. and steel double track railroad bridge with approaches over Sangammon River, here, to Carmichael-Cryder Co., Rialto Bldg., St. Louis, Mo. Engrs. est. $850,000.

Wis., Neenah—State Hy. Dept., Madison, constructing Fox River Bridge, here, to Wausau Iron Wks., 738 South 10th Ave., Wausau, for State and city. $137,848. Noted Apr. 15 under "Wisconsin."

Ia., Maquoketa — Jackson Co., 1 high truss bridge, to C. H. Anderson, Maquoketa, $21,328; and one pony truss bridge, to A. Olsno Constr. Co., Waterloo, $11,965. Noted Apr. 22.

Kan., Eldorado—Butler Co., rainbow arch bridge, on Federal Aid Project 239-D, Butler Co., to Western Bridge Co., Harrisonville, Mo., $34,767.

Kan., Seneca — Nemaha Co., Bridges 1 and 2, on Federal Aid Project 225-C, to Monarch Eng. Co., Falls City, Neb., $27,074. Noted Apr. 15.

Nebraska—State Hy. Dept., Lincoln, 360 ft. bridge and 1,500 ft. fill, Boelus, to Standard Bridge Co., 1302 City Natl. Bank Bldg., Omaha, engrs. est. $34,000; also seven 11 ft. span bridge, 2,000 ft. fill, etc., over North Platte River, Lewellen, Garden Co., to Western Bridge Co., 748 Peters Trust Bldg., Omaha, engrs. est. $71,000.

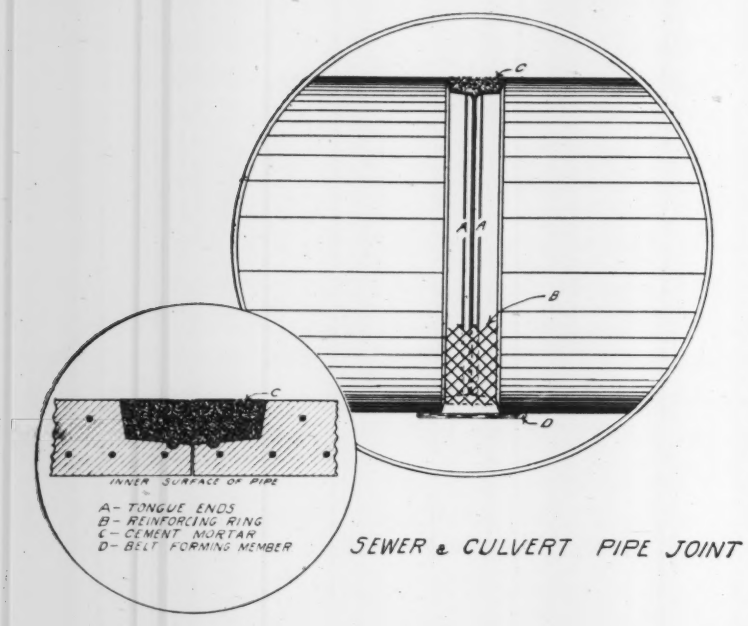
Missouri—State Hy. Dept., Jefferson City, to F. Kersting, Jefferson City, two 10 ft. rein.-con. slab spans, etc., over Koolin Branch, Iron Co. $2,563; to Hannibal Constr. Co., Hannibal, two 20 ft. rein.-con. slab spans, etc., over stream $2,406, and 40 ft. rein.-con. deck girder span, etc., over stream $3,944, both in Lewis Co.; to J. M. Roark & Sons, Anderson, 20 ft. rein.-con. slab span, etc., over South Fork Deer Creek $2,726, 30 ft. rein.-con. deck girder span, etc., over North Fork Deer Creek $3,143, 40 ft. rein.-con. deck girder span, etc., over Mackafish Bridge $7,423, two 30 ft. rein.-con. deck and 60 ft. steel truss span, etc., over Morman Fork, $12,638, all in Bates Co.; to Maney Bros. & Co., Oklahoma City, Okla., two 12 ft. rein.-con. slab spans, etc., over stream $2,796, and two 45 ft. rein.-con. deck girder spans, etc., over Wild Cat Creek $6,956, both in Douglas Co.; to Winstead & Gunter, Siloam Springs, Ark., two 10 ft. and two 12 ft. rein.-con. slab spans, etc., over stream, Bates Co., $5,197; to J. R. Burner, Oblong, Ill., two 12 ft. rein.-con. slab and two 30 ft. rein.-con. deck girder spans, etc., over stream $6,393, and one 30 ft. rein.-con. deck girder span, etc., over Wellard Branch $2,480, both in Polk Co.; to Carte-Harlin Constr. Co., West Plains, three 30 ft. rein.-con. deck girder spans, etc., over Beeler Creek, Texas Co., $5,820; to W. P. McGeorge & Co., Pine Bluff, Ark., two 12 ft. rein.-con. slab spans, etc., over McKinney Branch $5,059, 20 ft. rein.-con. span, etc., over Smith Branch $3,441, and 45 ft. rein.-con. deck girder span, etc., over Richland Creek $6,914, all in Callaway Co.; to A. P. Poirot, Belleville, Ill., three 100 ft. rein.-con. open spandrel arch spans, etc., over Soc River, Greene Co. $26,012; to A. W. Mosley, 2006 East 40th St., Kansas City, 80 ft. steel truss and two 35 ft. I-beam spans over Blackwater River $12,755, also 80 ft. steel truss and four 35 ft. I-beam spans, etc., over Blackwater D. D. $20,281, both in Johnson Co.; to Du Bois & Co., Pittsburg, Kan., three 80 ft. steel truss spans, etc., over North Fork Spring River, Barton Co., $24,590; to L. W. Spengler, 6015 Forest St., Kansas City, two 80 ft. steel truss spans, etc., over Petite Saline Creek, Cooper Co., $22,121; and to M. E. Gilliloz, Monett, 160 ft. steel truss and four 40 ft. rein.-con. deck girder spans, etc., over James River $28,198, also three 24 ft. rein.-con. slab spans, etc., over Green Valley $4,309, both in Christian Co. Grand total $218,164. Noted Apr. 1.

Ark., Osceola—Comrs. Sub-Dist. 3 of D. D. 9, Mississippi Co., 17 small pile bridges and 1 concrete culvert, also removing and resetting 5 small bridges, to C. A. Tant Constr. Co., Portageville, Mo., $34,200; Comrs. Sub. Dist. 1 of D. D. 8, Mississippi Co., 2,000 ft. plain trestle and truss span wooden bridges, to L. Nailling, Osceola, $27,500. Noted Mar. 25.

Tex., Brownsville — See "Streets and Roads."

Tex., Huntsville — See "Streets and Roads."

Wash., Longview—City Comrs., constructing 240 ft. through and 166 ft. deck steel



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Bridges (Continued)

bridge, etc., over Cowlitz River, to Pacific Bridge Co., East Salmon St., Portland, Ore., $278,516. Engrs. est. $300,000.

Dams

Proposed Work

Ala., Muscle Shoals—See "Buildings—Industrial."

Tennessee — Southern Cities Power Co., Chattanooga, plans concrete hydro-electric dam across Duck River, near Columbia, Maury Co. and one near Lewisburg, Marshall Co.; also transmission lines in several communities near Columbia and Lewisburg.

Contracts Awarded

Conn., Norwich—Bd. Water Comrs., dam, to L. Petrossi, 39 Woodbridge St., Hartford, $154,420; 4 mi. mains in various streets, to H. W. Golden & Sons, Inc., Troy, N. Y.; and 3 mi. mains in various streets, to A. W. Byrne & Son, Hartford. Noted Apr. 15.

Railways

Proposed Work

Michigan—See "Unclassified under Fordson, Mich."

Bids Desired

Michigan—See "Contracts Awarded."

Contracts Awarded

Michigan — Detroit United Ry., 3rd and Labelle Aves., Highland Park, will construct double track on West Jefferson Ave. in Ecorse, by day labor. $64,000.

Missouri—Wabash R.R. Co., Ry. Exch. Bldg., St. Louis, constructing 8.5 mi. single track between Griggsville and Ballis, Ill., and 6 mi. Rennick to Moberly, Mo. 10 mi. single track rock ballasting between Aetna and Crocker, Ind., and 12.6 mi. between Carrollton and Kansas City, Mo., 23 mi. burnt clay ballasting between Moberly and Salisbury, Mo., 10 mi. double track between Poag and Worden, Ill., 28 mi. double track ballasting between Sibley and Mansfield, Ill., also 3 mi. double track reballasting between Litchfield and Honeybend, Ill., to Industrial Track Constr. Co., Title Guaranty Bldg., St. Louis. Engrs. est. $490,000. Noted Jan. 21.

California—Western Pacific R.R., Mills Bldg., San Francisco, trackage in Industrial Dist. south of Market St., to Eaton & Smith, 715 Ocean Ave., San Francisco, approximately $200,000 or more.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Boston—Commonwealth of Massachusetts plans widening Charles River to not less than 300 ft. in vicinity Cottage Farm Bridge. $200,000. J. R. Rablin, Metropolitan Dist. Comn., 1 Ashburton Pl., engr.

Fla., West Palm Beach—Voted $150,000 bonds, constructing seawall. C. A. Bingham, city mgr.

Mississippi — Hancock Co. Sea Wall Comrs. appointed J. W. Billingsley, consult. engr., Interstate Bldg., New Orleans, La., to prepare plans and specifications sea wall along western front Bay St. Louis and Waveland.

La., Mandeville — See "Streets and Roads."

Ill., Chicago—Ordinance to be submitted to City Council straightening Chicago River between Polk and 16th Sts., the cut-off ¾ mi. long, 200 ft. wide and 22 ft. deep, will permit opening to the South of Dearborn, La Salle, Market and Dearborn Sts. The railroads involved and sharing expenses, are: Baltimore & Ohio R.R. Co., $3,000,950, Chicago, Rock Island & Pacific and New York Central R.R. Companies, $2,836,630, Chicago, Rock Island & Pacific (individually), $796,600, Pennsylvania Lines, $783,500 and Chicago & Northwestern Indiana, $83,300. City will pay $1,689,946 towards cost. E. J. Noonan, 140 North Dearborn St., city engr.

California—Interests represented by E. A. Julian, engr., Crocker Bldg., San Francisco, making plans irrigation works incl. 7 mi. main ditch, 73,720 ft. 15 x 6 x 3 ft. canals, storage dam 70 ft. high, 480 ft. long on top, 150 ft. on bottom, etc., on Long Valley Creek, Lassen Co. To exceed $175,000.

Calif., La Mesa—La Mesa, Lemon Grove & Spring Valley Irrigation Dist., made plans 7,000 lin.ft. 42 in. steel pipe, ¼ in. plate, 5,000 lin.ft. wood stave pipe for construction in Quail Canyon Syphon. T. H. King, 121 South Spring St., La Mesa, engr.

Calif., Ojai—Ojai Irrigation Dist. making plans 8,330 f.t 5 x 7 ft., and 4,700 ft. 5 x 7 ft. tunnels, 5,500 ft. 20- to 28-in. diam. steel penstock, 30,800 acre ft. capacity storage reservoir, 180 ft. high, 690 ft. long on top, 150 ft. on bottom, etc. $2,000,000 or more. J. B. Lipponcott, Petroleum Securities Bldg., Los Angeles, engr.

Calif., Oroville — Thermalito Irrigation Dist. voted $50,000 bonds, extending distributing system.

Calif., Placerville—El Dorado Irrigation Dist. plans election $1,500,000 bonds, reservoirs, concrete canals, etc., for irrigation project. J. Spink, Forum Bldg., Sacramento, engr. Noted Dec. 24.

Mexico — Mexican Government, Mexico City, making preliminary plans levee system and flood work along Rio Grande River and along lakes below Hidalgo, Tex., extending to Arroyo del Tigre and the Gulf, etc. $1,000,000. J. Lewis, et al, San Benito, Tex., engrs.

Bids Desired

Miss., Vicksburg—May 12, at office Third Mississippi River Dist., 6,747,000 cu.yd. levee work in quantities varying from 20,000 to 1,250,000 cu.yd.

Wisconsin — May 8, in Circuit Court Room, Court House, Racine, excavating approximately 59,000 cu.yd. in Mt. Pleasant and Somers D. D. between Racine and Kenosha Counties. J. J. Degen, Burlington, engr. Noted Oct. 8.

Ia., Onawa—May 11, at office Auditor Monona Co., constructing Oliver Lake D. D., 201,623 cu.yd. excav., 2,808 ft. 18- to 36-in. corrugated pipe (furnished and placed), 1 headwall and hand operated gate, etc. Noted Mar. 18.

Ia., Sioux City—May 18, at office Auditor Woodbury Co., improving Moville-Climbing Hill Rd., 80,748 cu.yd. earth excav., 28,612 cu.yd. channel change, and 28,231 sta.yd. overhaul.

Tex., Brownsville—May 15, at office J. J. Bishop, aud. Cameron Co., constructing Flood Control Works on Units 1 to 11 (inclusive) of Div. C, 1,314,000 cu.yd. levee and 35,000 cu.yd. common embankment, 136,000 cu.yd. earth excav., 34,000 cu.yd. spur levees, and pile trestle bridge, etc. W. O Washington, Brownsville, co. engr. Noted Apr. 8.

Ont., Goderich — May 11, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, dredging in harbor, here, 71,216 cu.yd. sand, gravel, clay and silt, also 3,300 cu.yd. solid rock excav. $55,000. K. M. Cameron, Dept. Pub. Wks., Ottawa, engr.

Bids Received

N. Y., Fire Island (mail Babylon)—Long Island State Park Comn., 302 Bway., New York City, Apr. 29, 125 x 125 ft. boat basin at Fire Island State Park, Suffolk Co., here, from A. M. Hazell, 26 Cortlandt St., New York City, $22,000. Noted Apr. 15.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Apr. 20, dredging approximately 115,000 cu.yd. rivers and canals, from Great Lakes Dredge & Dock Co., 216 West Water St., $0.425 per cu.yd. Noted Apr. 15.

Calif., Montague — R. E. Swigart, secy. Montague Irrigation Dist., Apr. 16, Shasta River dam and appurtenant structures, Schedule 1, from Nevada Contg. Co., Fallon, Nev., $353,100; main canal, Schedule 2, from C. R. Adams, Colfax, Calif., $113,800; laterals A North, A South, B, C and Montague, Schedule 3, from Haas, Doughty & Jones, Merchants Exch. Bldg., San Francisco, $35,540; and pumping plant, Schedule 4, from C. and G. K. Thompson, Brockman Bldg., Los Angeles, $19,957. Noted Apr. 8.

Calif., Oroville — Thermalito Irrigation Dist., 36,865 lin.ft. riveted slip-joint pipe with fittings, from Western Pipe & Steel Co., 444 Market St., San Francisco, Armco pipe $23,172, and copper bearing pipe $21,976. Noted Feb. 18.

Contracts Awarded

New York—T. F. Farrell, comr. Canals & Waterways, 55 Lancaster St., Albany, bank protection along Erie Canal from Vischer Ferry to point 1 mi. east of Frankfort, Erie Canal, Sects. 1, 2, 3 and 4, Contr. 232, to Dunbar & Sullivan, 2312 Buhl Bldg., Detroit, Mich., $109,252. Noted Apr. 1.

Louisiana — State Hy. Dept., Baton Rouge, constructing muck ditch and embankment on portion of New Orleans-Hammond-Lake Shore Highway, St. Charles Parish, to United Dredging Co., Guaranty Bldg., Galveston, Tex., $590,115.

Streets and Roads

Proposed Work

Mass., Adams — Plans improving and paving Spring St. from Dean to Summer Sts., also widening Crandall St. $35,000. Address Town Engineer.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, plans laying out and constructing Courtland Rd., Hollingsworth and Norwell Sts. as highway, here. $25,000. J. H. Sullivan, comr.

Mass., Medford — Plans constructing 12 new streets. $75,000 appropriated. Engineer not selected.

Mass., Plymouth — Plans reconstructing roads and bridges. $40,000 appropriated. Bd. Selectmen, engr.

Mass., West Roxbury (sta. Boston) — Dept. Pub. Wks., Boston, plans laying out and constructing Dudley Ave. and Walworth St. as highway, here. $25,000. J. H. Sullivan, comr.

New Jersey—State Hy. Comn., Trenton, plans concrete paving 1.783 mi. Route 3, Sect. 14, in Absecon, Atlantic Co., $225,000; 5.6 mi. Hackensack-Rutherford Rd., Route 17, Sect. 1, Bergen Co., $300,000; and Singac Rd., Route 12, Sect. 8, Essex and Passaic Counties, $100,000. W. G. Sloan, Trenton, highway engr.

Pa., Monongahela—City Council making plans concrete paving Grant, Jones and Chess Sts. $27,500. M. Borland, Monongahela, engr.

Pa., Sharon — Soon takes bids repaving State St. between South Irvine St. and Erie R.R. switch. $110,000-$114,000.

N. C., Durham — Alamance Insurance & Real Estate Co. of Burlington, plans bituminous paving 5 mi. various streets, here. W. E. Sharpe, Burlington, mgr.

Ga., Atlanta—Plans paving 9 mi. North Side Dr., underpass beneath Southern R.R. tracks, and bridge across Peach Tree Creek. $500,000.

Ga., Columbus — Muskogee Co. making plans sheet asphalt paving 4 mi. various roads. C. L. Rhodes, Columbus, co. engr.

Fla., Kissimmee—Osceola Co. voted $275,000 bonds, constructing Kissimmee-Melbourne Rd.; $66,000 bonds, 3 mi. St. Cloud-Hickory Tree Rd.; $814,000 bonds, 37 mi. New Eden, Lake Myrtle and Kennansville Rds.; $99,000 bonds, 4½ mi. Partin Settlement Rd.; $88,000 bonds, 4 mi. Hilliard Island Rd.; $88,000 bonds, 4 mi. Narcoossee Rd.; $220,000 bonds, 10 mi. Lake Wilson Rd.; $220,000 bonds, 10 mi. Pleasant Hill Rd.; $176,000 bonds, 8 mi. Kissimmee-Park Rd.; and $44,000 bonds, 2 mi. Pine Island Rd. Noted Nov. 19.

Fla., Waldo — Election May 11, $15,000 bonds, constructing various streets. E. W. Millican, mayor.

Fla., West Palm Beach—Voted $150,000 bonds, sidewalks on various streets. C. A. Bingham, city mgr.

Fla., West Palm Beach—Voted $150,000 bonds, paving, etc. various streets. C. A. Bingham, city mgr.

Fla., West Palm Beach — Voted $50,000 bonds, paving Tamarind extension. C. A. Bingham, city mgr.

La., Mandeville—Voted $55,000 bonds, of which $25,000 hardsurfacing various streets, $20,000 repairing sea wall, and $10,000 harbor improvements. J. F. Coleman Eng. Co., Hibernia Bank Bldg., New Orleans, city engr.

La., Ringgold — Voted $100,000 bonds, grading and graveling Roads 90 and 13.

Tenn., Erin—Houstin Co. election May 5, $150,000 bonds, improving roads.

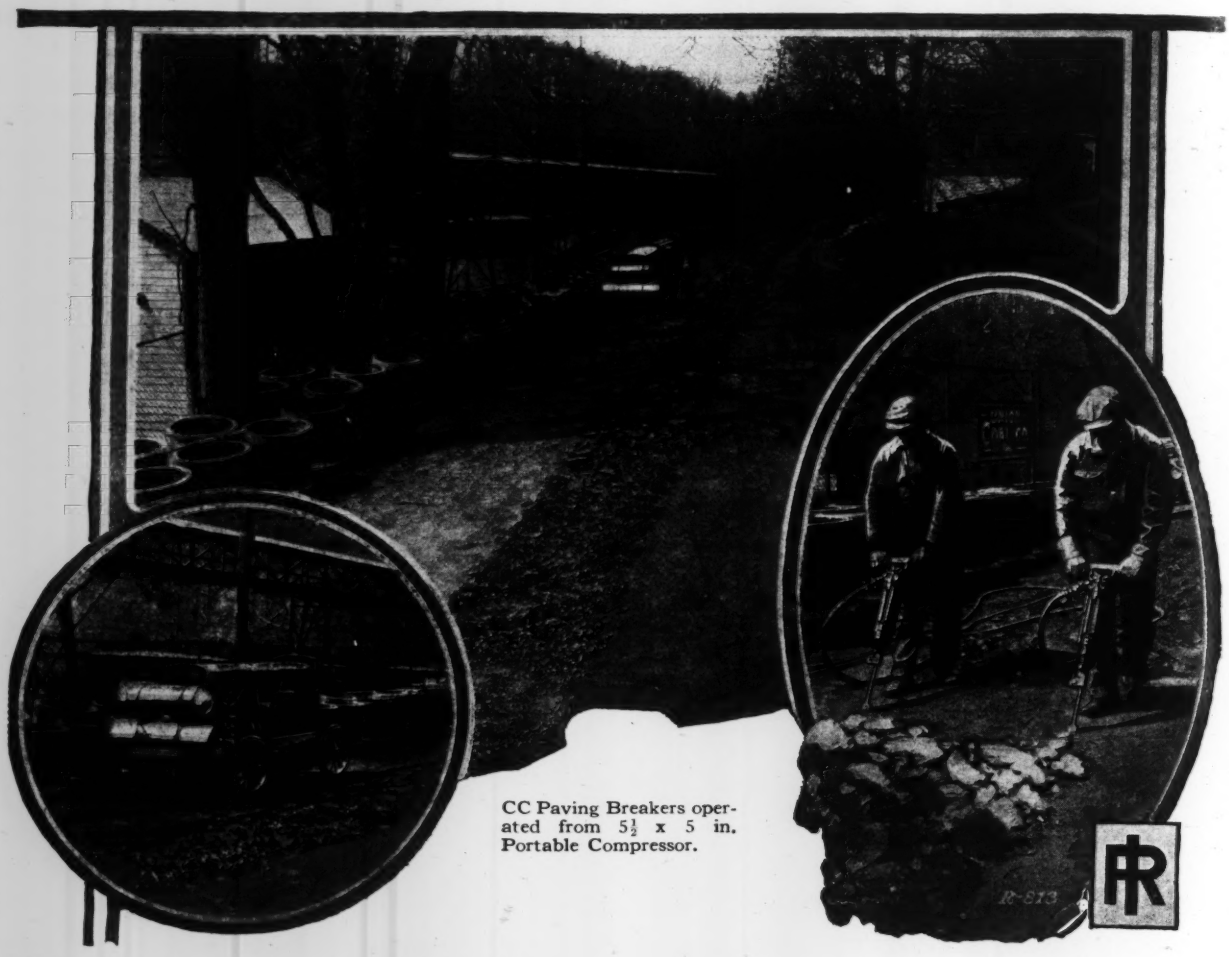
Tenn., Greenville—Greene Co. and State Dept. Highways & Pub. Wks., Nashville, appropriated $15,000 each, improving Lonesome Pine Trail Highway. C. N. Bass, highway comr.

Tenn., Huntington — Carroll Co. plans improving 12 mi. Huntingdon-Henderson-Chester Co. line Rd. $50,000. Noted Apr. 22.

Tenn., Lawrenceburg—Lawrence Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys improving 10 mi. Lawrenceburg-Rockdale Rd. To exceed $25,000. Work will be under supervision of State Hy. Dept. C. N. Bass, comr.

Tenn., Rogersville—Hawkins Co. plans improving 15 mi. Clinch Mountain-Hancock Co. line Rd. $25,000.

I-R Portable Air Power



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Streets and Roads (Continued)

Ky., Cynthiana — Harrison Co. election June 22, $150,000 bonds, improving various roads.

Ky., Henderson—Plans probably asphalt paving various streets. S. H. Kemmel, city engr.

Ind., Anderson—Madison Co. made plans for concrete paving, etc., 2 mi. Old Pendleton Pike north of Pendleton, $40,000; and 2¼ mi. Pendleton Pike from Pendleton to Road No. $48,000, both 18 ft. wide. M. A. Steele, Anderson, engr.

Mich., Ecorse (mail Detroit)—Village, C. A. Moore, pres., plans paving between railroad tracks on West Jefferson Ave. $40,000.

Ind., Evansville—Making estimates and surveys grading, curbing, asphalt, concrete, brick or asphaltic concrete paving, etc., 10th St., Huston and Cleveland Aves. H. Mayes, mayor.

Mich., Fordson — Making plans curbing and 8 in. concrete paving 400,000 sq.yd. streets. $1,600,000. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, consult. engrs.

Mich., Fordson—Made plans curbing and 8 in. concrete paving 10,776 sq.yd. Assessment Dist. 108, 8,622 sq.yd. Dist. 109, 16,546 sq.yd. Dist. 110, 11,409 sq.yd. Dist. 111, 8,600 sq.yd. Dist. 112, and 5,176 sq.yd. Dist. 113. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Mich., Muskegon—Making plans grading and concrete paving 1 mi. streets in Bronson Park-Lake Michigan Park. $25,000. H. J. Lewis, City Hall, engr.

Ill., Decatur—Plans grading, curbing and asphalt paving 8 blocks West Main St., 40 ft. $79,093. M. P. O'Brien, City Hall, engr.

Ill., Decatur—Plans grading, curbing and asphalt paving 7 blocks Riverside Ave., South Franklin, West William, and Oakcrest Sts., $46,000, also 8 blocks East Leafland Ave., 28 ft., $58,558. M. P. O'Brien, City Hall, engr.

Ill., De Soto—Jackson Co. voted $25,000 bonds, hardsurfacing 5 mi. De Soto-Hurst Rd., 18 ft., in De Soto Twp. Engineer not selected.

Ill., Galesburg—H. M. Roy, supt. Highways Knox Co., Court House, rejected bids Apr. 17, grading 20,000 cu.yd. State Aid Road, Routes 12 and 26. Will readvertise.

Ill., Graysville—White Co. plans election $59,000 bonds, grading and gravel surfacing roads in Gray, Phillips and Burnt Prairie Twps.

Ill., Huntley—Making plans concrete paving various streets. Wells Eng. Co., Geneva, engrs.

Ill., McHenry—Making preliminary plans grading, curbing and concrete paving 8,000 sq.yd. Washington St. and Waukegan Rd. $30,000. Wells Eng. Co., Geneva, engr.

Ill., Rockford — Plans grading, curbing and concrete paving 8 blocks 15th Ave., 30 ft. $41,050. B. C. Harvey, City Hall, engr

Ill., St. Charles — Making preliminary plans grading, curbing and concrete paving 40,000 sq.yd. streets in South End Dist. Wells Eng. Co,. Geneva, engrs.

Ill., Stockland—Iroquois Co. voted $80,000 bonds grading, curbing and concrete paving 9 mi. roads, 9 ft., in Stockland Twp. B. Jordon, Court House, engr.

Wis., Oconomowoc—Bd. Pub. Wks., M. E. Keats, city clk., recalled bids to have been opened Apr. 17, concrete paving 8,500 sq.yd. various streets. Will readvertise. To exceed $25,000. J. A. Stemper, City Hall, engr. Noted Apr. 1.

Kan., Eldorado—Butler Co. made plans grading, etc., 6.84 mi. Federal Aid Project 205, Sect. G, 28 ft. E. S. Elcock, Eldorado, co. engr.

Kan., Ft. Scott — Bourbon Co. making plans bituminous macadam or brick surfacing 3.501 mi. Federal Aid Project 336-A, 18 ft. H. McCulery, Ft. Scott, engr.

Kan., Salina — Saline Co. made plans grading, etc., 13.009 mi. Federal Aid Project 196, Sects. B and C, 30 ft. W. H. Cost, Salina, co. engr.

Kan., Wichita — Sedgwick Co. making plans concrete surfacing 5.055 mi. Mt. Hope Rd., Federal Aid Project 342-A, 18 ft. M. Roseberry, Court House, engr.

Neb., Holdridge—Making plans and takes bids about June 15, rein.-con. paving, etc., various streets. $35,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Missouri — State Hy. Comn., Jefferson City, making plans grading 47.6 mi. roads in Franklin, Jasper, Lincoln, Randolph, St. Francois, and Vernon Counties; 30 ft. grading 19.9 mi. roads in Carroll, Cass and Macon Counties; 18 ft. gravel surfacing 9.5 mi. roads in Cole and Montgomery Counties; 9 ft. concrete paving 8.5 mi. roads in Randolph Co.; and 18 ft. concrete paving 32.1 mi. roads in Franklin, Jasper, Lincoln, St. Francois and Vernon Counties. B. H. Piepmeier, ch. engr.

Mo., Joplin—See "Unclassified."

Mo., Plattsburg — Making preliminary plans paving various streets. To exceed $25,000. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs.

Mo., St. Louis—Making preliminary plans asphalt or Warrenite resurfacing 9,915 ft. (2 units) Lindell Ave., 50 ft. $194,000. F. W. Pape, Municipal Bldg., comr. Parks.

Mo., University (br. St. Louis)—Making preliminary plans grading, hardsurfacing, etc. Delmar St. between Trinity and Hanley Sts.; Ferguson St. between Olive and Stanley Sts., and Etzel St. between Sutter and Pennsylvania Sts. $175,000. W. A. Heimbuecher, City Hall, engrs.

Arkansas—State Hy. Dept., Little Rock, made plans and soon takes bids gravel surfacing 12 mi. Collins-Dermott Rd., Drew and Chicot Counties; 10 mi. Lewisville-Hemstead Co. Line rd., Lafayette Co.; 4 mi. road from Hughes south to county line, Lee Co.; and 12 mi. Strong-Huttig Rd., Union Co. R. C. Limerick, ch. engr.

Ark., Marianna — Lee Co. making preliminary plans grading and hardsurfacing 4 mi. Aubrey-Marianna-Moro Highway, 18 ft. W. W. Wood, co. judge.

Ark., Search—Making preliminary plans grading, curbing and hardsurfacing 75,000 sq.yd. various streets in downtown section Paving Dist. 6, $200,000. J. B. Lightle, et al, comr. of dist. Engineer not selected.

Tex., Bellville—Austin Co. making plans asphalt on gravel and waterbound macadam paving 9.16 mi. Highway 36, Rosenberg-Bellville Rd., 18 ft. $170,000. H. Schroeter, Bellville, co. engr.

Tex., Galveston — Galveston Co. made plans grading, rein.-con. paving, etc. 5.003 mi. State Highway 6, Federal Aid Project 466-G, 18 ft. $226,392. C. C. Washington, Galveston, co. engr.

Tex., Galveston—Galveston Co. making plans grading, rein.-con. paving, etc., 3.31 mi. Highway 6, 26 ft., $150,000; also 4.84 mi. same road point 1.7 mi. north of La Marque to point 1.5 mi. south of Dickenson, 20 ft., $196,000. C. C. Washington, Galveston, co. engr.

Tex., Georgetown — Williamson Co. making plans sledged stone paving 6.01 mi. Highway 2-B, Federal Aid Project 427-B, Unit 2, 18 ft. $40,000. M. C. Welborn, Georgetown, co. engr.

Tex., Gonzales—Gonzales Co. made plans 4 in. compacted waterbound macadam with 1 in. rock asphalt surface treated on 5 in. compacted sledged stone paving 8.08 mi. Highway 81, Federal Aid Project 440-D, Unitz, 18 ft. $157,750. J. T. Irby, Gonzales, co. engr.

Tex., Jefferson—Marion Co. made plans bituminous macadam on 8 in. iron ore top soil paving 7.57 mi. Highway 8, Federal Aid Project 306-C, Unit 2, $91,200; also 3.56 mi. same road Federal Aid Project 306-A, Unit 2, $52,408, both 18 ft. T. B. Warden, Jefferson, co. engr.

Tex., Karnes City—Karnes Co. takes bids after May 1, limestone rock asphalt on waterbound macadam paving 9.07 mi. Highway 12-A, Unit 2. $150,000. O. N. Powell, Karnes City, engr. Noted Apr. 22.

Tex., Sinton—San Patricio Co. takes bids after Apr. 28, shell concrete paving 2.9 mi. Highway 16. $30,000. F. M. Percival, Sinton, engr. Noted Apr. 22.

Tex., Sweetwater — Takes bids after May 10, hard paving 21 blocks various streets. $175,000. H. H. Batjer, Sweetwater, engr.

Okla., Guthrie—Making preliminary plans grading and concrete paving 7,860 sq.yd. Walnut St. and 5 alleys, $27,910. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Holdenville — Plans grading and concrete paving 9,070 sq.yd. North Main St. $27,600. C. H. Edge, Holdenville, engr.

Okla., Muldrow — Plans concrete paving 9,400 yd. various streets. $30,000. Engineer not selected.

Okla., Pawnee—Pawnee Co. election May 18, $400,000 bonds, improving 60 mi. various roads, 30 ft. J. M. Page, Capitol Bldg., Oklahoma City, engr. Noted Nov. 26.

Okla., Vinita—Making preliminary plans resurfacing 21 blocks business section, 30-66 ft. $42,000. G. Patton, mayor. Engineer not announced.

Wash., Seattle—Bd. Pub. Wks. rejected bids Apr. 16, grading, etc., Lakeside Ave. S. et al. Will readvertise. J. D. Blackwell, Seattle, engr.

Wash., Yakima—Takes bids about May 18, paving North 6th St. E., between Yakima Ave. and East E St. $64,156. C. E. Wilson, Yakima, engr.

Calif., Beverly Hills—Made plans, guttering, walks, grading, 2 mi. Warrenite on 6 in. concrete paving, etc., 668,000 sq.ft. Wilshire Blvd. A. Matthews, city engr.

Calif., Concord — Made plans improving Park St., Mt. Diablo Ave., etc., 89,255 sq.ft. grading, 56,855 sq.ft. 6 in. concrete paving, 28,800 sq.ft. asphaltic macadam paving, 4,533 lin.ft. curbing, 3,600 ft. guttering. R. L. Calfee, 222 South 22nd St., Richmond, engr.

Calif., Corona — Making plans curbing, guttering, sidewalks and oil macadam paving portions 9th and Vicentia Sts. $50,000 or more. Currie Eng. Co., Stoneman Bldg., Alhambra, engrs.

Calif., Hollister—San Benito Co. making plans paving portions roadways in Rd. Dists. 1 to 4 (inclusive). To exceed $25,000. W. A. Winn, Hollister, co. surv.

Calif., Los Angeles—Bd. Pub. Wks., takes bids about May 21, curbing, guttering, sidewalks, sheet asphalt and asphalt macadam paving 41st Pl., Manchester and Roble Aves., Grand View, Allessandro, Alcott and Rossana Sts., etc. To exceed $50,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Bd. Supervs. Los Angeles Co. takes bids about May 26, improving Crockett Blvd., 3,066 lin.ft. curbing, 14,634 lin.ft. guttering, 14,972 lin.ft. sidewalk, 5,106 cu.yd. earth excav., 3,793 sq.ft. oil and screenings, etc. $33,291. G. Jones, Hall of Records, engr.

Calif., Oakland — Made plans grading, curbing, guttering and 2 in. Warrenite bitulithic on 6 in. concrete paving, 37,649 sq.ft. 26th St. W. W. Harmon, city engr.

Calif., Oroville—Butte Co. making plans constructing roadway from Las Plumas to Bucks Creek. To exceed $50,000. H. H. Hume, Oroville, co. surv.

Calif., San Francisco — Making plans grading, curbing, paving, etc. extending Market St. $100,000. M. M. O'Shaughnessy, city engr.

Calif., Salinas — Made plans improving Clay, Auburn, Riker Sts., etc., 181,000 sq. ft. grading, 7,868 lin.ft. concrete guttering, 51,675 sq.ft. 5 in. and 100,668 sq.ft. 4 in. concrete paving, etc. H. F. Cozzens, city engr. Noted Oct. 29.

Calif., Santa Cruz—Santa Cruz making plans constructing 4 mi. roadway from Happy Valley to Branciforte Dr., and 1 mi. Holohan Rd. To exceed $25,000. L. Bowman, Santa Cruz, co. surv.

Calif., Sebastopol—Made plans 2 in. Willite asphaltic concrete surfacing 13,200 Vine St.; and 3 in. Willite asphaltic concrete surfacing, etc., 30,000 sq.ft. Pitt Ave. C. E. Mueller, city engr.

Ont., Forest—Plans concrete paving Main St. $35,000. McCallum, County Bldgs., Sarina, engr.

Ont., Guelph—City Council plans 20 ft. concrete paving Elora Rd. $35,000. E. Nicklin, City Hall, engr.

Ont., Ridgetown—Plans concrete paving Erie St. $35,000. W. D. Colby, Harrison Hall, Chatham, engr.

Ont., Toronto—Plans concrete sidewalks on 2 mi. several streets, $10,398; and bitulithic on concrete paving Scarboro Beach Blvd., $27,557. R. C. Harris, City Hall, engr.

Ont., Welland — Plans cement paving North Main St. $33,000. C. H. Coulson, City Hall, engr.

Que., Shawinigan Falls—Made plans levelling and making cut through mountain for 4th St. $250,000. A. E. Belisle & H. Valiquest, Shawinigan Falls, engrs.

Cuba—Plans constructing 750 mi. Cuban Central Highway.

Bids Desired

New Hampshire—May 11, by State Hy. Dept., Concord, gravel surfacing 0.94 mi. highway in Andover. F. E. Everett, comr.

New Hampshire—May 11, by State Hy. Dept., Concord, asphalt paving 0.7 mi. highway in Boscarven, 0.51 mi. in Hampton, and 0.94 mi. in Pembroke, gravel surfacing 0.64 mi. in Charlestown. F. W. Everett, comr.

Vermont—May 14, at Office Dept. Highways, Montpelier, bituminous macadam or one course rein.-con. paving 3 mi. Federal Aid Project 62-B, in New Haven, and 2.5 mi. Federal Aid Project 72A-1, in Shelburne; bituminous macadam paving 2 mi. Federal Aid Project 82-A, Highgate; rein.-con. paving 1.68 mi. Federal Aid Project 91-A, Hartford; also 3 span steel and concrete bridge with approaches on 0.61 mi. Federal Aid Project 55-D, Barton, 325 ft. span steel bridge with concrete abutments approach span and road approaches, on Federal Aid Project 59-A, Brattleboro, and 1 steel superstructure for bridge on Federal Aid Project 88-A, Morristown, S. B. Bates, comr.

Massachusetts — May 11, by Dept. Pub. Wks., Boston, bituminous macadam paving 5,281 ft. highway in Rayham; 18,448 ft. in Hingham and Weymouth; 1,950 ft. in Medway, and 3,300 ft. in Grafton. W. F. Williams, comr.

Mass., Boston — May 11, by Dept. Pub. Wks., granite block paving Dorchester Ave. near Power St. $25,000. J. H. Sullivan, comr.

Streets and Roads (Continued)

Mass., Dorchester (Boston P. O.) — May 12, by Dept. Pub. Wks., Boston, sheet asphalt or bitulithic paving Lorna Rd., Lucerne St. and Wyola Pl., here. $25,000. J. H. Sullivan, comr.

N. J., Atlantic City — May 12, by Bd. Freeholders Atlantic Co., 2,500 tons bituminous concrete paving on Shore Rd. and Pleasantville Blvd. A. N. Nelson, Atlantic City, engr.

N. Y., Brooklyn — May 12, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, recurbing and asphalt on 6 in. concrete repaving Colonial Rd., Greenpoint Ave., Eagle, Moultrie, and Fulton Sts.; grading, curbing, flagging and sewers in East 7th St.; grading, curbing and flagging Minna St., Forbell and Pennsylvania Aves.; asphalt on 6 in. concrete paving East 7th and Minna Sts., Georgia and Pennsylvania Aves.; asphalt on 6 in. concrete paving and sewer in 50th St.

N. Y., New York—May 10, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing, flagging and 2 in. stone filled sheet asphalt on concrete paving Riverside Dr. W. from West 161st to West 163rd Sts.; grading, regrading, curbing, recurbing, flagging, reflagging and 2 in. stone filled sheet asphalt on concrete paving unpaved portion Riverside Dr. W. from West 163rd to West 165th Sts.

N. Y., Long Island City—May 10, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., repaving Betts Ave.; sheet asphalt on concrete repaving Astoria Ave.; asphalt block on concrete repaving Jackson Ave.; grading, curbing, sidewalks, etc., on Honeywell Ave.; and sheet asphalt on concrete paving 130th St.

N. Y., New York—May 13, H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sheet asphalt on concrete paving East 174th St., Cromwell and Commonwealth Aves.; grading, curbing, sidewalks and sheet asphalt paving East 153rd St.; bituminous concrete on concrete paving East 180th St., etc.; grading, etc., Bolton, Ellsworth and Spofford Aves.; also sewers, etc., in Yates and Bouck Aves.

N. Y., St. George — May 12, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and paving Arthur and Austin Aves.; grading, curbing and vitr. brick guttering Fremont and Greeley Aves.

New Jersey — May 24, by State Hy. Comn., Trenton, widening Whiteshore Pike, Route 3, Sect. 12-A from Egg Harbor to Hammonton, Atlantic Co. A. L. Grover, secy.; adv. E. N.-R. May 6.

N. J., Bogota (br. Hackensack)—May 13, by Mayor and Boro Council, H. P. Ross, boro clk., curbing and rein.-con. paving Park Pl. from Larch Ave. to River Rd.; and sheet asphalt on concrete paving Elm Ave. from Munn Ave. to boro line, etc.; adv. E. N.-R. May 6.

N. J., Manasquan—May 25, by Council of Boro Manasquan, reconstructing easterly end Main St. G. F. Randolph, Broad St., Red Bank, civil engr.; adv. E. N.-R. May 6.

N. J., Trenton—May 14, by City Comn., L. D. Hirsch, city clk., paving and repaving 13 streets. J. E. English, engr. Streets; adv. E. N.-R. May 6.

Pennsylvania — May 20, by State Hy. Dept., Harrisburg, rein.-con. paving approximately 36 mi. 9 projects in Adams, Butler, Cumberland, Clarion, Indiana, Lehigh, Berks, Northampton, Somerset, Westmoreland and York Counties. W. H. Connell, eng. executive and acting secy. highways; adv. E. N.-R. May 6.

Pa., Greensburg—May 13, at office W. A. Arter, controller Westmoreland Co., rein.-con. paving, etc., 17,988 ft. Harrison City-Trafford Rd., 16 ft., Penn Twp.

Pa., Southmont (Johnstown P. O.)—May 19, by Boro Council, R. G. Wertz, secy., concrete paving, etc., 6,950 sq.yd. Weaver Court Extension, Bliss and Gardner Sts.; also rein.-con. paving, etc., 9,400 sq.yd. Dell, Daisy and Violet Sts. S. E. Dickey & Co., 809 Johnstown Trust Bldg., Johnstown, engrs.

Pa., Steelton—May 10, by Town Council, H. R. Rupp, secy., 114 Walnut St., approximately 16,200 ft. curbing and 20,000 ft. paving, etc., 4th, Swatara, Elm and Conestoga Sts., River, South 3rd, Angle and Paxton Alleys.

Maryland — May 18, by State Roads Comn., Baltimore, concrete paving 1 mi. Contr. F-92 Frederick Co., 1 mi. Contr. B-76 Baltimore Co., 2.5 mi. Contr. P-66, Prince George Co., and 1.5 mi. Contr. Co-39 Caroline Co.; graveling 2 mi. Contr. SM-22, St. Marys Co.; also macadam resurfacing 1.6 mi. Contr. H-48, Harford Co., and 0.91 mi. Contr. H-38, Harford Co. J. N. Mackall, chn.; adv. E. N.-R. May 6.

Md., Baltimore—May 11, by Comrs. Baltimore Co., concrete paving 2.9 mi. Group 7, Monkton Manor Rd., etc. $85,000. S. A. Green, Courthouse, Towson, road engr.

Md., Baltimore—May 12, by Bd. Awards, grading, curbing and sheet asphalt paving 5,665 sq.yd. streets in Contr. 336; and concrete paving footways as listed in Footway Contr. 93. S. Purcell, City Hall, highway engr.

W. Va., Charleston—May 27, by City Council, vitr. brick paving 20,000 sq.yd. various streets. H. L. Campbell, Charleston, engr.

W. Va., Huntington—May 24, by Cabell Co. Court, improving 4 projects in Guyandotte Dist., 16,000 cu.yd. excav., 1,200 lin. ft. culvert pipe, 50,000 lb. reinforcing, etc. J. M. Oliver, co. engr.

N. C., Windsor — May 13, by Comrs. Bertie Co., clearing, grading, topsoiling, etc., 12.25 mi. Project 100, $60,000; 11 mi. Project 200, $50,000; and 8.6 mi. Project 400, $40,000. G. C. Walker, Windsor, engr.

Ga., Meigs—May 14, by T. Tipton, mayor, grading, curbing and concrete paving 4,117 sq.yd. various streets. J. B. McCrary Eng. Co., Citizens Savings & Bank Bldg., Atlanta, engrs.

Fla., Stuart—May 26, by City Comn., J. E. Taylor, mayor, bituminous macadam paving, etc. 14,200 sq.yd. Palm Beach Rd. $50,000. D. C. Egbert, Stuart, engr.

Miss., De Kalb—May 21, by Bd. Supervs. Kemper Co., improving 10.7 mi. Federal Aid Project 107-B, 35,717 cu.yd. excav., 47,516 cu.yd. borrow, 43,933 lb. reinforcing, 26,009 cu.yd. gravel 1 mi. haul, 103,103 units overhaul, etc. H. C. Dietzer, Jackson, engr.

Miss., Oxford — May 18, by Chancery Clerk Lafayette Co., gravel surfacing 10 mi. Holly Springs-Oxford Rd., Federal Aid Project 66-A, $155,000; grading, etc., 20 mi. Federal Aid Project 51-A $211,000, and 7 mi. Holly Springs-Grenada Rd., Federal Aid Project 99-A, $115,000.

La., Plaquemine—See "Sewers."

Ohio—May 14, by Dept. Highways and Pub. Wks., Columbus, macadam, bituminous macadam, brick, asphalt, etc., paving 250.6 mi. roads in Allen, Ashland, Ashtabula, Belmont, Clermont, Columbiana, Coshocton, Crawford, Cuyahoga, Erie, Fairfield, Greene, Hardin, Lake, Perry, Licking, Lorain, Mahoning, Marion, Medina, Preble, Warren, Meigs, Miami, Monroe, Montgomery, Morgan, Muskingum, Noble, Perry, Pike, Portage, Richland, Sandusky, Scioto, Shelby, Stark, Summit, Trumbull, Tuscarawas, Union, Warren, Wayne, Wood and Wyandot Counties, etc. Total $4,263,266. F. G. Schlesinger, highway engr.

O., Cincinnati—May 11, by Director Pub. Wks., curbing, sidewalks and granite block paving 2,660 sq.yd. Sycamore St. from 3rd to 4th Sts. $29,006. C. O. Sherrill, City Hall, engr.

O., Columbus—May 11, by W. H. Duffy, dir. Pub. Serv., grading, curbing, necessary sewer and water connections and paving with **(a)** brick **(b)** concrete 4,431 ft. Chestershire Rd., Eureka, Roys and Wright Aves., 24 ft., **(a)** $106,763 **(b)** $96,593; 5,269 ft. Mooberry St., Wilshire Rd. and Terrace Ave., 26 ft., **(a)** $99,405 **(b)** $86,997; and 155 ft. Michigan Ave., 60 ft., **(a)** $2,719 **(b)** $1,889. R. H. Simpson, city engr. Noted Aug. 20.

Indiana—May 11, by State Hy. Comn., Indianapolis, **(S. R. means State Road and F. A. means Federal Aid)** brick, bituminous concrete and concrete paving, etc. 6.613 mi. Sect. "A" S.R. 1, F.A. 81, Bartholomew Co.; 6.838 mi. Sect. "B" same road Bartholomew and Johnson Counties; 9.292 mi. Sect. "A" S.R. 10, S. 501, Lake and Newton Counties; 8.061 mi. Sect. "B" and 7.915 mi. Sect. "C" same road, Lake Co.; 4.792 mi. Sect. "A" S.R. 12, S. 502, Morgan, Hendricks and Marion Counties; and 7.15 mi. Sect. "A" S.R. 17, S. 506, DeKalb Co. J. D. Williams, dir.

Ind., Indianapolis—May 10, by Bd. Pub. Wks., grading and wooden block, asphalt, asphaltic concrete or concrete on 6 in. concrete paving, Drexel Ave.; also grading and cement paving Sangster Ave., 11th, Pratt and Tabor Sts.

Michigan—May 20, at office H. A. Beers, 311-312 McNair Bldg., Kalamazoo, graveling 4.732 mi. State T. L. Project 43-9, Sect. A., Barry Co. G. C. Dillman, Lansing, highway engr.

Mich., Bad Axe — See "Contracts Awarded."

Mich., Paw Paw—May 10, by Van Buren Co., graveling 5.3 mi. county road in Bangor Twp.

Mich., Pleasant Ridge—May 17, by O. C. Kiel, village clk., 8 in. concrete paving and curbing 6,958 sq.yd. Virgil Rose Ave. $25,000. Hubbell Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Mich., Sturgis—May 12, by H. M. Cole, village clk., grading and asphalt on concrete paving, etc., 36,251 sq.yd. Sturgis, Surprise, Wilson, Laurel, Michigan, and Virginia Aves., East Main, George, North 4th, William, South Jefferson, Cottage, South Monroe, South 4th, and East Congress Sts. G. Champe, Toledo, O., engr.

Wisconsin—May 12, by State Hy. Dept. and Highway Com. of Kewaunee Co., Office 3, Nicolet Bldg., Green Bay, graveling, etc., 5,280 cu.yd. Federal Aid Project 432-A, Manitowoc Co., and 4,701 cu.yd. State Project, Div. 3012, Kewaunee Co.; crushed stone surfacing 3,634 cu.yd. Federal Aid Project 424-A, Calumet Co., 4,848 cu.yd. Federal Aid Project 435-A, Outagamie Co., and 3,592 cu.yd. Federal Aid Project 435-D; also grading, and constructing bridges, etc. on 1.93 mi. Federal Aid Project 392-B, Marinette Co. J. T. Donaghey, Madison, highway engr.

Wisconsin—May 13, by State Hy. Dept. and Comrs. Wood Co., Office 4, Wisconsin Rapids, grading, concrete surfacing, etc., 45,301 sq.yd. Federal Aid Project 394-B, and 42,982 sq.yd. County Project Job 4217. J. T. Donaghey, Madison, highway engr.

Wis., Wauwatosa—May 14, by Bd. Pub. Wks., A. V. Brigham, secy., grading, rein.-con. paving, etc., 7,495 sq.yd. Berwyn and Woodlawn Aves. $25,000.

Ia., Iowa City—May 11, at office Auditor Johnson Co., grading, etc., 9.65 mi. road, and paving Primary Road 7, west of here. Noted Apr. 22.

Ia., Iowa City—May 14, by G. Dohrer, city clk., concrete curbing, guttering and 7 in. concrete, 3 in. brick or 2½ in. asphalt paving 31,000 sq.yd. various streets. $120,000-$145,000. F. E. Young, city engr. Noted Apr. 22.

Ia., Storm Lake—May 11, at office Auditor Buena Vista Co., improving Primary-Secondary Projects S-82 to S-89, 36,760 cu. yd. gravel, 176,700 units overhaul, and 10,800 cu.yd. pit stripping. A. H. Cunningham, Storm Lake, engr.

Kan., Dodge City — May 27, by Clerk Ford Co., improving 5.182 mi. Federal Aid Project 56-A, 50,324 cu.yd. excav., 39,065 lb. reinforcing, etc.; and 5.254 mi. Federal Aid Project 56-B, 55,041 cu.yd. earth and 800 cu.yd. rock excav., 55,840 lb. reinforcing, etc. J. W. Thornburgh, Dodge City, co. engr.

Kan., Garrett—May 24, by Anderson Co., concrete and gravel surfacing 0.173 mi. Federal Aid Project 113-C, incl. 30 ft. subway span, etc.

Kan., Pratt — May 26, by Pratt Co., grading, etc. 1.265 mi. Federal Aid Project 305-B, incl. three 30 ft. deck girder spans, etc.; and 5.606 mi. Federal Aid Project 341-A, incl. six 30 ft. deck girder spans, etc.

Kan., Medicine Lodge—May 28, by Clerk Barber Co., improving 4.172 mi. Federal Aid Project 333-A, 33,565 cu.yd. excav., 16,360 cu.yd. sand clay surfacing 39,354 cu.yd. surfacing 1 mi. haul, etc. L. A. Tilton, Medicine Lodge, co. engr. Noted Dec. 17.

Kan., Wellington — May 25, by Clerk Sumner Co., improving 7.923 mi. Federal Aid Project 323-C, 35,280 cu.yd. excav., 14,305 cu.yd. sand clay surfacing, 24,542 lb. reinforcing, etc. J. W. Mavity, Wellington, co. engr. Noted Apr. 22.

S. D., Aberdeen—May 17, by L. Kohloff, city aud., paving, etc., 10 or more blocks various streets. $40,000 or more.

North Dakota — May 13, by State Hy. Dept. and Comrs. LaMoure Co., Court House, LaMoure, graveling, etc., 8.098 mi. Federal Aid Project 113; and grading, etc., 5.565 mi. Federal Aid Project 212-B.

North Dakota — May 14, by State Hy. Dept. and Comrs. Griggs Co., Court House, Cooperstown, grading, etc., 10.539 mi. Federal Aid Project 323-A.

North Dakota — May 12, by State Hy. Dept. and Comrs. Stutsman Co., Court House, Jamestown, grading, etc., 8.497 mi. Federal Aid Project 279-B.

North Dakota — May 18, by State Hy. Dept. and Comrs. McHenry Co., Court House, Towner, grading, etc., 9.654 mi. Federal Aid Project 270-D, and 9.391 mi. Federal Aid Project 274-B.

North Dakota — May 19, by State Hy. Dept. and Comrs. Burke Co., Court House, Bowbells, grading, etc., 7 mi. Federal Aid Project 258-E.

North Dakota — May 25, by State Hy. Dept. and Comrs. McIntosh Co., Court House, Ashley, grading, etc., 11.433 mi. Federal Aid Project 315-A.

Tex., Memphis—May 15, by A. C. Hoffman, judge Hall Co., grading and bridging 3.147 mi. Highway 5, Federal Aid Project 438-H, 26 ft. $42,000. C. L. Hasie, Memphis, co. engr. Noted Apr. 29.

Okla., Frederick—May 12, by B. Wright, city clk., grading and sheet asphalt paving 12,875 sq.yd. streets in Dists. 11 and 12. $63,780. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs. Noted Apr. 8.

Nevada — May 12, by State Hy. Dept., Carson City, grading, surfacing, etc. 15.15 mi. roads from point 7 mi. north county line and point 5 mi. south Connor's Pass, and 6 mi. roads from point 6 mi. west Robinsons Summit to Robinsons Summit, White Pine Co.; 5.4 mi. road between West Co. Line

Streets and Roads (Continued)

and Virginia City, Storey Co.; also 22.48 mi. roads from Dutch John's to point 7 mi. north county line, Lincoln and White Pine Counties. G. W. Borden, Carson City, highway engr.

Washington—May 25, by State Hy. Dept., Olympia, constructing 5 mi. Federal Aid Project 131-B, State Rd. 12, Lewis Co.; crushed graveling, etc., 5,000 cu.yd. State Rd. 21, Kitsap Co.; gravel resurfacing, etc., 10,300 cu.yd. State Rd. 8, Clark and Skamania Counties; grading, concrete paving, etc., approximately 0.2 mi. Mt. Vernon-Anacortes Highway, Skagit Co.; also furnishing approximately 3,000 cu.yd. crushed rock for bunkers, on State Rd. 2, Chelan Co. J. W. Hoover, highway engr.

California—May 24, by State Hy. Comn., Sacramento, grading and screened gravel surfaling 3.8 mi. road between point 4 mi. west of Bieber and Bieber, Lassen Co. R. M. Morton, Forum Bldg., Sacramento, highway engr. Noted Dec. 24.

Calif., Los Angeles—May 17, by Supervs. Los Angeles Co., 8- to 10-in. concrete paving 270,150 sq.ft. Slauson Ave. between Laguna Rd. and Flood Control line; also grading, 24,578 sq.ft. 6- to 8-in. and 15,182 sq.ft. 8 in. concrete paving on disintegrated granite sub-base, Garvey Ave. between east city limits of El Monte to Tyler St. G. Jones, Hall of Records, engr.

Calif., San Diego—May 17, by Common Council, improving Rosecrans, Talbott Sts., etc., 123,828 sq.ft. 5 in. concrete paving, 8,681 cu.yd. excav., 6,844 lin.ft. concrete curbing, etc. F. A. Rhodes, city engr. Noted Apr. 8.

Calif., San Rafael—Marin Co. taking bids grading and graveling 9 mi. Tiburon Blvd., 22 ft. To exceed $50,000. J. C. Oglesby, San Rafael, co. surv.

Ont., Lucknow — May 12, by G. E. Stephenson, County Bldg., Walkerton, concrete or penetration macadam paving 16,000 sq.yd. Main St. $40,000. Noted Feb. 19.

Sask., Denholm—May 12, by H. S. Carpenter, deputy minister, grading, etc. 22,500 cu.yd. Project 6-K-c Denholm West, and 44,000 cu.yd. Project 19-B-A, Kincaid north extension. $70,000.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, bituminous concrete paving 3,764 ft. highway in West Bridgewater, from Washburn & Sheridan, East Taunton, $14,143; and rein.-con. paving 4,600 ft. in Norwood, from Perini & Ampolini, Plainville, $54,676. Noted Apr. 22.

Conn., New Haven—From C. W. Blakeslee Co., Waverly St., asphalt resurfacing Broadway, Whalley and Whitney Aves. $52,410, and Union Ave. $26,955, also granite block and concrete paving Forbes Ave. $21,290. Noted Apr. 29.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, Apr. 28, from F. Mandato, laying sidewalks on 7th Ave., $2,280; from F. Persicano, 489 Lenox Rd., regrading, sidewalks on 67th St., $1,710; from Castle Bros., Johnson Pl., grading, curbing and flagging Bath Ave. $3,923, and East 37th St. $3,737; from Grimm Contg. Co., 170 McKinley St., grading Miller Ave. $4,537, from McHale Contg. Co., 1250 Jefferson Ave., 15th Ave. $5,018, from G. M. Mandato, 129 29th St., East 27th St. $7,316; from Sicilian Asphalt Paving Co., Paidge Ave., grading, and sheet asphalt paving Bergen St. $20,811, from Borough Asphalt Co., 1301 Metropolitan Ave., East 27th St. $14,116, Livonia Ave. $5,712, Avenue R $4,339, West 5th St. $6,265, Willoughby Ave. $4,332, 12th Ave. $7,624, 21st Ave. $3,003, 70th St. $8,637, also regulating curb on Montgomery St. $7,223, 47th St. $7,531 and 5th St. $6,791; from Uvalde Asphalt Paving Co., 1 Bway., New York City, grading and asphalt paving Decatur St. $27,135, and Hooper St. $9,654, from Brooklyn Alcatraz Asphalt Co., Hamilton Ave., Avenue M $14,794, 7th Ave. $11,237, and 67th St. $6,365 and from B. Turecamo, 8706 16th Ave., 71st St. $13,930.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Apr. 27, from L. Di Minna, 2366 Lorillard Pl., grading, curbing and sidewalks on East 172nd St. $20,164, and Lafayette Ave. $4,585; from Remo Realty Co., 530 East Tremont Ave., Barnes Ave., $5,105; from F. Gabrielle, Inc., 2750 Creston Ave., East 194th St. $8,436, and Pugsley Ave. $7,631; from P. J. Donovan, 30 Church St., Edison Ave., $9,920; from A. Musumeci, 277 East 146th St., Needham Ave. $2,073, Hering Ave. $4,437, and Mulford Ave. $6,292; from F. Spadaro, 2913 Creston Ave., Underhill Ave. $4,001, and East 177th St. $18,981; from J. V. Timoney Constr., 320 East 201st St., Morris Ave., $15,336; and from P. Tedesco, Westchester Ave., Laconia Ave., $3,530. Noted Apr. 22.

N. Y., New York—J. Miller, pres. Manhattan Boro, Boro Hall, Apr. 29, granite block repaving Greenwich St., from J. Meehan & Son, Inc., 90 West St., $48,444; sheet asphalt repaving Stanton St., from Highway Impvt. & Repair Co., 50 Church St., $126,571, 42nd St. from W. J. Fitzgerald, 547 West 45th St. $72,899, and Madison Ave., from Interboro Asphalt Co., 2306 Creston Ave., $104,899. Noted Apr. 22.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, Apr. 30, concrete sidewalks on New Dorp Lane, Hylan Blvd., etc., from F. J. Zarrelli, 465 Cary Ave., West New Brighton, $4,263; bituminous concrete repaving Targee St. and Castleton Ave., from J. E. Donovan Paving Co., 2205 Richmond Terrace, Richmond, $37,988. Noted Apr. 29.

N. J., Elizabeth — Bd. Pub. Wks., City Hall, Apr. 22, from Standard Bitulithic Co., 50 Church St., New York City, grading, curbing, sidewalks and asphalt on concrete paving Acme St. $11,686, Bellevue St. from Jersey Ave. to Chancellor St. $7,823, Bellevue St. from Rahway Ave. to Murray St. $14,969, Chilton St. $12,765, Cleveland Ave., $8,624, Floral Ave. $9,763, and Palisade Rd. $5,553; Pershing Ave. $14,957, 6th St. $14,670, South 5th St. $25,362, and Verona Ave. $12,883; from Elizabeth Paving Co., Elizabeth, Loomis St. $20,928; from J. B. Gilligan-Casey Co., 972 Broad St., Newark, Parker Rd. $12,323 and Stanton Ave. $8,022; from J. M. Gambone, 1182 Drake Ave., Roselle, Myrtle St. $2,119.

N. J., Newton—Bd. Freeholders Sussex Co., Apr. 27, grading and concrete paving Sparta-Lafayette Rd., Sparta Twp., from F. H. Clement & Co., Bethlehem, Pa., $41,991. Noted Apr. 8.

Delaware—State Hy. Dept., Dover, Apr. 28, clearing, grubbing, grading, etc. (1) 1.5 mi. White Oak Rd. addition, Contr. 62 (2) 2.32 mi. Gums Cross Rds.-Laurel Rd., Contr. 63; improving with (a) stone (b) slag (c) stone concrete (d) slag concrete (e) sand asphalt (*) metal joint (†) non-metal joint (3) 1.9 mi. Smyrna-Wendalls Corner, Contr. CK-34 and (4) 4.97 mi. Concord-Hardscrabble, Contr. CS-50, from George & Lynch, Dover, (1) $11,733 (3a*) $56,335 (3a†) $55,830 (3b*) $55,725 (3b†) $55,220; from Old Line Constr. Co., Chestertown, Md. (2) $19,365 (4c) $126,425; from Field, Barker & Underwood, Commercial Trust Bldg., Phila., Pa., (4d) $123,460; from Spague Constr. Co., New York City, N. Y., (4e) $113,502. Noted Apr. 15.

Maryland—States Rds. Comn., Baltimore, for concrete paving 1 mi. Contr. WI-36, Wicomico Co., from Layfield & Waller Paving Co., Quantico $19,866 and 0.42 mi. Contr. G-32, Garrett Co., from Tri-State Eng. Co., Cumberland $13,176; concrete shoulders on 5.6 mi. Contr. 4-3-A, Harford Co., from Thomas, Bennett & Hunter, Westminster $45,030, 3.4 mi. Contr. Ce10-A, Cecil Co., from Broad Creek Constr. Co., Elkton $13,516, and 4.1 mi. Contr. M-69, Montgomery Co., from Corson & Gruman Co., 33rd and K Sts., Wash., D. C., $27,798; grading, etc. 2.1 mi. Contr. G-30, Garrett Co., from H. W. Kaylor, Cumberland, $28,059; macadam resurfacing 0.54 mi. Contr. F-88, from E. C. Valentine, Rocky Ridge $6,092, and 0.54 mi. Contr. F-27, L. R. Waesche, Thurmont, $10,748, both in Frederick Co.; also graveling 1.5 mi. Contr. C-24, Calvert Co., from E. R. P. Smith, Hyattsville, $13,191. Noted Apr. 15.

Md., Baltimore—Bd. Awards, sheet asphalt paving 7,800 sq.yd. Contr. 335, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St. $28,628, and 10,610 sq.yd. Contr. 334, from P. Flanigan & Son, Harford Rd. and Baltimore & Ohio Ry. tracks $42,344; also concrete paving 8,600 sq.yd. Contr. 333, from Tydings, Marine Co., 236 Albemarle St., $23,596. Noted Apr. 22.

Md., Baltimore — Bd. Awards, Apr. 28, concrete paving footways listed in Foot way Contr. 92, from A. Apicella, 2907 McElderry St., $33,837. Noted Apr. 29.

Florida — State Rd. Dept., Tallahassee, Apr. 28, clearing, grubbing, grading, etc., 14.2 mi. road in Seminole Co., 30 ft., from S. Vadner & E. P. Miller, Ormond Beach, $123,528. Noted Apr. 8.

Louisiana—State Hy. Comn., Baton Rouge, graveling 4.943 mi. Livonia-Opelousas Highway, Federal Aid Project 169-A, Point Coupee Parish, from Young & DeBritton, Zachary, $101,183; 7.47 mi. Livonia-Opelousas Highway, Federal Aid Project 160-B, from J. P. Herbert, Breaux Bridge, $138,398, 5.1 mi. Hammond-New Orleans Highway, State Project 156-C, Unit 1, St. John Baptist and St. Charles Parishes, from McWilliams Dredging Co., Carondelet Bldg., New Orleans, $171,895; 5.21 mi. Lake Charles-Lake Arthur Highway, Jefferson Parish, from B. G. Zigler Co., Jennings, $39,985; and 7.07 mi. Franklin-Covington Highway, State Highway Project 509-A, Washington Parish, from J. H. Newton Constr. Co., Amity, $41,216. Noted Apr. 8 and 22.

O., Cincinnati—Comrs. Hamilton Co., Apr. 23, grading and concrete paving 12,000 sq. yd. North Bend Rd., from Gradison Constr. Co., 1st Natl. Bank Bldg., $39,910, engrs. est. $41,721, and 22,575 sq.yd. Camargo Rd. from J. L. Radabaugh, Montgomery Pk., $83,808 engrs. est. $96,516; also two 78 ft. span concrete girder bridge, on Red Bank Rd., from United Constr. Co., 3342 Burnet Ave., $16,979 engrs. est. $25,000. Noted Apr. 22.

O., New Philadelphia—Tuscarawas Co., waterbound macadam paving 6 mi. Newport-Gilmore Rd., 16 ft., from C. C. Fuller, Dover, $95,495. Engrs. est. $100,000. Noted Jan. 21.

Mich., Muskegon—H. L. Brown, engr., 711 Union Bank Bldg., taking bids grading, sidewalks and concrete paving 18,440 sq.yd. McGraft St.-Glenside subdivision, for Muskegon Co. $55,000.

Ill., Peoria — Bd. Local Impvts., C. F. Barston, pres., Apr. 19, grading, curbing and concrete paving 8 blocks Greenlawn Ave., 30 ft., from G. H. Johnson, 520 South University St., $30,538. Engrs. est. $44,482. Noted Apr. 15.

Wis., Milwaukee—Dept. Pub. Wks., Apr. 21, from Froemming Bros., 1326 Humboldt Ave., vibrolithic concrete paving 18th St. $7,137, 19th St. $7,848, 20th St. $9,268, and Weil St. $22,394, from Czerwinski Constr. Co., 765 Natl. Ave., South Water St. $8,129, from Kroening Constr. Co., 39th Ave. and Mitchell St., Center St. $30,580, from Gumz & Switalski, 831 13th Ave., 3rd Ave. $23,983, and Trowbridge Ave. $15,759, and from F. Blodgett, 521 Newton Ave., Franklin St. $42,249, Hubbard St. $7,158, Locust St. $9,621, and one course concrete paving Center St. $29,049; and from Badger Constr. Co., 97 Wisconsin St., asphaltic concrete paving Center St. $39,316; from N. Harris, 417 Juneau Pl., cement sidewalks on Cedar St. $1,523.

Minn., Minneapolis—A. E. Erickson, aud. Hennepin Co., Apr. 19, widening and asphaltic concrete resurfacing 4 mi. Highway 7 between Orono and Minnetonka, from Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., St. Paul, $78,500. Noted Apr. 1.

Tex., Baird—V. G. Gilbert, judge, Callahan Co., Apr. 13, clearing, grubbing, bridging and concrete paving, etc., 32.06 mi. Highway 23, State Aid Project 655-C, from C. H. Van Eman, Cisco, $50,104, engrs. est. $66,000; and surfacing with (a) regular bid (b) 2½ in. brick on sledged stone (c) 2½ in. brick on concrete (d) bates type concrete 8.39 mi. Highway 1, Federal Aid Project 52-E—Unit 2, from McClung Constr. Co., F. & M. Bank Bldg., Fort Worth (a) $123,978 (c) $223,764 (d) $212,211, from Durland & Regan, Cisco, (b) $199,022. Noted Apr. 1.

Tex., Boston—Bowie Co., grading, bridging and gravel surfacing 6.969 mi. Highway 89, State Aid Project 644, from Foshee & Gamford, Paris, $36,000. Noted Apr. 15.

Tex., Boston — S. J. Robinson, judge Bowie Co., grading, bridging and gravel surfacing 10.75 mi. State Highway 98, State Aid Project 644, from W. M. Fooshee & H. G. Gafford, Paris, $35,972. Noted Apr. 8.

Tex., Sherman — O. J. S. Ellington, city mgr., curbing, grading and paving 107,000 sq.yd. various streets, from J. P. Doty, Box 1486, Wichita Falls, $2.35 per yd. Noted Apr. 8.

Tex., Sweetwater—Nolan Co., bituminous on caliche and sledged stone paving 15.22 mi. Highway 1, Federal Aid Project 444-B, Unit 2, from Atex Constr. Co., Exchange Natl. Bank Bldg., Eastland, $240,838, engrs. est. $348,400; grading and bridging 7.82 mi. Highway 70, State Aid Project 534-C, from R. B. Straup, Oklaunion, $27,534, engrs. est. $87,000. Noted Apr. 8.

Calif., Maywood—Grading, and 9 in. concrete paving, etc., 292,755 sq.ft. Atlantic Ave., from B. R. Ford, 407 West 17th St., Santa Ana, $108,217. Noted Apr. 8.

Contracts Awarded

Vermont—Office Dept. Highways, Montpelier, one course rein.-con. paving 5.4 mi. highway in towns Pownal and Bennington, Federal Aid Project 73-B, to J. H. Kerr, Rumford, Me., $242,531. Noted Apr. 15.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 24,123 ft. highway in Bernardston, to New Haven Road Constr. Co., 70 Hill St., New Haven, Conn., $152,283; rein.-con. paving 5,284 ft. highway in Agawam, to D. O'Connell Sons, Holyoke, $72,031; bridging and bituminous macadam and rein.-con. paving 1,050 ft. highway in Bilerica, to Simpson Bros. Corp., 77 Summer St., Boston, $42,189. Grand total $266,503. Noted Apr. 15.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 10,700 ft.

Streets and Roads (Continued)

highway in Northfield, to Kelleher Corp., Turners Falls $77,146, 21,566 ft. in Monson, to New Haven Road Constr. Co., 70 Hill St., New Haven, Conn. $159,223, and 12,200 ft. in Saugus and Revere, to M. McConough Co., Swampscott $132,450; rein.-con. paving 1,200 ft. in Swampscott, to Simpson Bros. Corp., 77 Summer St., Boston, $11,685; bituminous concrete paving 4,400 ft. in Nantucket, to M. F. Roache, East Bridgewater, $16,497; also 2 bridges and approaches on section highway in Amherst, to P. Keating, Fitchburg, $16,996. Grand total $413,997. Noted Apr. 29.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, to F. DeVito, 158 17th St., grading Ashford St. $5,382, East 12th St. $3,484, East 27th St. $3,171, West 5th St. $3,700, West 7th St. $4,098, West 9th St. $5,567, 54th St. $2,494, 56th St. $3,868, and 71st St. $5,136, to Castle Bros., Inc., Johnson Pl., Bedford Ave. $3,843, East 9th St. $3,847, to V. Peconi, 581 Prospect Ave., East 27th St. $2,949, East 35th St. $891, Ryder Ave. $1,248, and 64th St. 2,045, to A. E. Castle, Inc., 3313 Tilden Ave., East 37th St. $3,416, and Remsen Ave. $6,877, to F. Persicano, 489 Lenox Ave., 56th St. $3,163; to Borough Asphalt Co., 1301 Metropolitan Ave., asphalt paving Bedford Ave. $9,819, Brooklyn Ave. $10,205, East 8th St. $4,585, East 27th St. $7,590, East 29th St. $7,987, Remsen Ave. $4,361, Ryder Ave. $3,230, Schenck Ave. $4,283, 11th Ave. $17,456, and 54th St. $5,392; to Uvalde Asphalt Paving Co., 1 Bway., New York City, East 35th St. $3,025, to Cranford Co., 52 9th St., Powell St. $5,939, to B. Turecamo Contg. Co., 8706 Bay 12th St., 7th St. $6,513, 56th St. $6,734, 80th St. $7,765, and granite paving 82nd St. $18,216. Grand total 188,279. Noted Apr. 22.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous macadam paving St. Marks Pl. from Hamilton to Westervelt Aves., to Vanbro Constr. Corp., 24 Elizabeth St., West New Brighton, $18,510. Noted Apr. 29.

New Jersey—State Hy. Comn., Trenton, grading Route 17, Sect. 1, Hackensack to Rutherford, to H. Shapiro Constr. Co., Albany, N. Y., $165,930. Noted Apr. 15.

N. J., Hopewell—Mercer Co. (Trenton), penetration macadam paving 1.25 mi. Hopewell-Stoutsburg Rd., to Sigafoos & Poore, Riegelsville, Pa., $41,463. Noted Apr. 22.

Md., Baltimore—Bd. Awards, sheet asphalt paving 16,700 sq.yd. Contr. 329, to Amer. Paving Co., Montebello Ave. $62,673, and 18,800 sq.yd. Contr. 330, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St. $65,653; also concrete paving 15,300 sq.yd. Contr. 331, to Tydings, Marine Co., 236 Albemarle St., $42,671. Grand total $170,997. Noted Apr. 29.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving, etc. 15,188 sq.yd. R. 257, Allegheny Co., to Hardy & Rankin, Canonsburg $68,836, 8,686 sq.yd. A. 3636, Somerset Co., to Windber Constr. Co., Windber $48,056, 26,446 sq.yd. R. 161, Northumberland Co., to W. M. Moser, Mt. Carmel $148,919, 21,008 sq.yd. Rs. 230-441, York Co., to Continental Contr. Co., Knickerbocker Bldg., Baltimore, Md. $188,093, and 23,600 sq.yd. R. 447, Crawford Co., to H. E. Bunce, 125 Fulton St., Olean, N. Y. $100,467; concrete paving, etc., 27,856 sq.yd. R. 169, Monroe Co., to Collins & Maxwell, Easton, $128,785; and waterbound macadam paving, etc. 40,285 sq.yd. As. 3759 and 3760, Monroe Co., to Lane Constr. Co., 37 Colony St., Meriden, Conn., $95,994. Grand total $779,150. Noted Feb. 18, Mar. 18 and Apr. 1.

North Carolina — State Hy. Dept., Raleigh, grading, concrete or asphalt paving, etc., 6.83 mi. Project 985, Swain Co., to Ziegler Bros., Greensboro, $178,172. Noted Feb. 18.

Ga., Atlanta—To C. A. Pittman, 12 Elizabeth St., vibrolithic paving 2,972 sq.yd. Walthall St. at $2.03 per sq.yd., 4,196 sq. yd. 1st Ave. $2.02, 2,924 sq.yd. Farrington St. $2.06, 1,886 sq.yd. Maiden Lane $2.07, and 1,056 sq.yd. Haygood St. $2.13, and to Jamison & Hallowell, Candler Bldg., 2,485 sq.yd. Michigan Ave. $2.12, and 1,019 sq.yd. Fern St. $2.07; also to McDougal Constr. Co., 180½ Spring St., asphalt paving 2,637 sq.yd. Bass St. $2.20.

Ga., Rome—Paving 20,000 sq.yd. various streets, to Atlantic Bitulithic Co., Munsey Bldg., Wash., D. C., Approximately $50,000.

Ga., Tifton — To Atlantic Bitulithic Co., Munsey Bldg., Wash., D. C., improving various streets, 41,700 sq.yd. bitulithic asphalt surfacing at $2.47 per sq.yd., and 16,200 lin.ft. concrete curb and gutter $0.88. Noted Mar. 11.

Fla., Dade City—Grading, guttering, sidewalks and vitr. brick paving, etc., various streets, to McLeod Constr. Co., Tampa, $250,000.

Fla., St. Augustine—To J. M. Johnson, Jacksonville, paving various streets in North St. Augustine $179,286, sidewalks $46,543, and sewers $75,084. Grand total $300,913.

Fla., Tampa—To Cone Bros., Tampa, vitr. brick paving, etc., New Orleans Ave. from Nebraska Ave. to 15th St., $28,622; to Carroll Henderson, Tampa, Plymouth St. from Old to Maine and North 1st Sts. $29,244, Lynn St. from Buffalo to Aubone and Plymouth Sts., etc., $26,376, Oregon Ave. from Main to St. John Sts. $31,884, Cleveland St. from Southern Blvd. to Railway and portion of Euclid St. $29,799, Cleveland St. from Atlantic Coast Line Ry. tracks to Howard St., $50,525, Comanche St. $29,635, and Lime St. $44,831; to J. Stanton, 3 in. vitr. brick on 6 in. shell paving 17,000 sq. yd., 15th St. from Hanna Ave. to Hilton Place Dr. $84,583, 11,000 sq.yd. 15th St. from Hillsboro Ave. to certain point of Hanna Ave. $53,497, 11,000 ft. 15th St. from Osborn to Hillsboro Aves. $53,497, and 11,000 sq.yd. 15th St. from Buffalo to Osborn Aves. $53,497. Grand total $516,260. Noted Apr. 1.

Ala., Fayette—Town and State Hy. Dept., Montgomery, concrete paving 1.5 mi. highway through town, 20 ft., to W. H. Pattie, 1566 North 23rd St., Birmingham, $45,299. Engrs. est. $46,000.

Ala., Opelika—Asphalt on concrete paving 12 blocks North 10th St. and Ave. B, 40 and 60 ft., to Sullivan, Long & Haggerty, Bessemer, $46,000. Engrs. est. $46,550.

Louisiana — State Hy. Comn., Baton Rouge, rein.-con. paving 7.139 mi. Shreveport-Marshall Highway, Federal Aid Project 160, Caddo Parish, to J. J. Harrison, Oklahoma City, Okla., $231,264; warrenite bitulithic paving 3.971 mi. West End-Carrollton Highway, State Project 537, Orleans Parish, to Southern Uvalde Rock Asphalt Co., 3905 Gravier St., New Orleans, $160,547; and graveling 7.49 mi. Monroe-Winnesboro Highway, Federal Aid Project 165 A and B, Richland Parish, to Alexandria Constr. Co., Alexandria $77,793, and 6.71 mi. Campt-Conshatta Highway, Natchitoches Parish, to Hankins Bros., Natchitoches, $43,042. Grand total $512,646. Noted Apr. 22.

Louisiana — State Hy. Dept., Baton Rouge, graveling 3.074 mi. New Orleans-Mississippi Highway, St. Tammany Parish, to S. B. Boyd, Baton Rouge, $18,335; 9.1 mi. Eunice-LeCompte Highway, Evangeline Parish, to Banta & Mutersbough, Inc., Lake Charles, $49,249; and 3.14 mi. New Hope-Good Hope Parish Highway, St. Charles Parish, to S. T. Hulse, Destrihan, $9,982. Grand total $77,566. Noted Apr. 1 and 22.

Louisiana — State Hy. Comn., Baton Rouge, hardsurfacing 7.169 mi. Shreveport-Monroe Highway, to J. J. Harrison, Oklahoma City, Okla., $231,264; bridge over Turkey Creek on Winnesboro-Vidalia Highway, Franklin Parish, to Banta & Mutersbough, Lake Charles; graveling 5.12 mi. Natchitoches-Boyce Highway, to Hankins Bros., Natchitoches, $41,407, and 8.91 mi. Natchitoches-Boyce Highway, both to W. B. Baillio, Baton Roug,e Natchitoches Parish, 6.91 mi. Jonesboro-Monroe Highway, Jackson Parish, to I. M. Goldberg, Baton Rouge; bridges on Houma-Morgan City Highway Terrebonne Parish, to C. C. Duplantes, Baton Rouge, Barrow Street Bridge over Bayou Terrebonne on Houma-Raceland Highway, Richland and Morehouse Parishes, to Austin Bridge Co. Noted Apr. 22.

Ohio — Dept. Highways & Pub. Wks., Columbus, grading and asphaltic macadam paving 0.153 mi. Sect "A" Columbiana-Canfield Rd., Columbiana Co., and 5.856 mi. Sect. "B" same road, Mahoning Co., both 18 ft. to J. D. Paxon, Salem, $3,622 and $146,351 respectively and 3.26 mi. Sect. "G" Mt. Gilead-Sunbury Rd., 16 ft., Morrow Co., to L. Delmer, Tiffin $24,006; waterbound macadam, oil paving 1.046 mi. Sect. "E" Toledo-Byran Rd., 20 ft., Fulton Co., to C. M. Gray, Waterville $25,809, 4.165 mi. Sect. "N" Columbus-Cincinnati Rd. 18 ft., Warren Co., to J. W. Weeks, Dayton $107,579, and 2.043 mi. Sect. "B" Bowling Green-Napoleon Rd., 18 ft., Wood Co., to Van Waggoner Co., Bowling Green $23,278; bituminous macadam, oil paving 2.043 mi. Sect. "E" Painesville-Ravenna Rd., 16 ft., Geauga Co., to G. A. Stein, Niles, $59,368; bituminous macadam, tar paving 5.562 mi. Sect. "C" Mt. Gilead-Marion Rd. 18 ft., Morrow Co., to N. B. Putnam, Columbus, $135,893; bituminous macadam paving 3.09 mi. Sect. "C" Fremont-Republic Rd., 18 ft., Sandusky Co., to Lee Bros. & Petticord, Clyde $71,182, 2.017 mi. Sect. "0-2" Chagrin Falls-Greenville Rd., 18 ft., Trumbull Co., to Reedy Bros., Warren $61,737, and 0.634 mi. Sect. "Waynesville" Columbus-Cincinnati Rd., 18 ft., Warren Co., to J. W. Weeks, 300 Robbins Arcade, Dayton $17,440; concrete paving 3.845 mi. Sect. "K" Jackson-Mt. Arthur Rd., 16 ft., Jackson Co., to Brewer & Brewer Sons, Chillicothe $93,531, 0.841 mi. Sect. "Hebron" National Rd., 20 ft., Licking Co., to Lynn Constr. Co., Paulding $28,120, 1.225 mi. Sect. "N" Zanesville-Cincinnati Rd., 18 ft., Muskingum Co., and 0.604 mi. Sect. "Fultonham" same road, to W. C. Brown, Chillicothe, $40,720 and $17,855 respectively, 3.812 mi. Sect. "A" National Rd., 18 ft., Preble Co., to G. H. Haffner & Sons, Celina $100,972, 2.261 mi. Sect. "C-1" Hamilton-Richmond Rd., 18 ft., Preble Co., to Mannix Bros., Greenville $77,552, and 0.906 mi. Sect. "C" New Philadelphia-Uhrichsville Rd., 20 ft., Tuscarawas Co., to J. C. and W. K. Drake, Marion, $30,818; brick on concrete paving 4.07 mi. Sect. "B" Versailles-Sidney Rd., 16 ft., Shelby Co., to J. Frantz, Sidney, $156,852; concrete widening and brick paving 2.86 mi. Sects. "D-3," E and "E-2" Columbus-Lancaster Rd., 20 ft. Franklin Co., to F. H. Beckler, Athens, $46,260; furnishing and delivering brick, etc. 2.86 mi. same road, Franklin Co., to State Dept. of Welfare, Columbus, $20,639; rolled sandstone base on 5.882 mi. Sects. "H" and "M" Ironton-Gallipolis Rd., 12 ft., Gallia Co., to Miller Bros., Gallipolis, $18,111; quarrying, crushing, hauling and spreading limestone on 4.5 mi. Sect. "F" Gallipolis-McArthur Rd., Gallia Co., 10 ft., to R. Shafer, Athens, $15,598; bituminous macadam resurfacing 2.47 mi. Sect. "J" Youngstown-Pittsburgh Rd., 20 ft., Mahoning Co., to Tri-State Constr. Co., Youngstown, $31,579; grading and widening, etc., 0.72 mi. Sect. "H" Cambridge-Caldwell Rd., Noble Co., to McElfresh & Danford, Caldwell, $12,890. Grand total $1,393,099. Noted Apr. 8.

O., Alliance—Bd. Control, brick paving, etc., South Seneca St. from Milner to Mill Sts., to J. Wilson, 62 East Summit St. $70,830. Engrs. est. $70,000. Noted Mar. 25.

O., Cincinnati — Oiling 25 mi. various macadam streets, to J. S. Tobitt & Co., 325 Wyoming Ave., Wyoming, $38,500. Engrs. est. $40,000. Noted Apr. 22.

O., Cincinnati — Comrs. Hamilton Co., grading and tarbound macadam repaving 20,000 sq.yd. Deerfield Rd. from Cornell to Cincinnati-Zanesville Rds., to J. S. Slone, 2312 Mound Ave., Norwood, $47,380. Engrs. est. $48,810. Noted Apr. 15.

O., Cleveland — Comrs. Cuyahoga Co., grading and travelbound macadam paving 3,000 sq.yd. River Rd. 3, to Chapman & Harris, 3305 Hyde Park Ave., $71,429. Noted Apr. 29.

O., Cleveland — Comrs. Cuyahoga Co., travelbound macadam paving Edgerton Rd. 6, to Cleveland Trinidad Paving Co., The Arcade, $30,192. Engrs. est. $34,000.

O., Columbus — Dept. Highways & Pub. Wks., Columbus, grading and concrete paving, etc. 3.931 mi. Sect. "B" Bowling Green-Napoleon Rd., Allen Co., to G. H. Heffner & Son, Celina, $91,982. Noted Apr. 8.

O., Marion—Bd. Control, brick paving, etc., East Church St. from Reed Ave. to Kensington Pl., to Uncapher & Gillespie, Marion, $53,148, engrs. est. $50,000; also rein.-con. paving, etc., Merkel Ave., from Uncapher to Whittier Aves., to P. Drake & Son, Marion, $26,397, engrs. est. $25,000. Noted Apr. 8.

O., Steubenville—Jefferson Co., resurfacing 9¾ mi. Smithfield-Rayland and Wills Creek Rds., to Daughorty & Leech, Steubenville, $55,178.

O., Upper Arlington (Columbus P. O.)—N. W. Copeland, village clk., grading, curbing, guttering, sheet asphalt paving 46,005 5 sq.yd. etc. Baldridge, Suffolk, Twesbury, Beverly, Wickford, Chatfield, Berkshire, Collinswood, Andover, Coventry, Henthorne, Parkway, Kent, York and Wilshore Rds., to B. F. Patterson, 1214 Nell Ave., Columbus, $247,737. Noted Apr. 1.

Ind., Anderson — Comrs. Madison Co., Court House, grading, curbing and concrete paving ¾ mi. West 9th St. from Madison to Raible Aves., to H. A. Carpenter, Brazil, $55,113; also ¼ mi. Pitt St. from 26th to 29th Sts., to L. Burke, 1514 Pearl St., $5,635. Noted Apr. 8.

Michigan—State Hy. Dept., at office Sanilac Co., Sandusky, graveling 6.01 mi. Federal Aid Rd. 122-B, and 5.004 mi. Federal Aid Rd. 122-C, 18 ft., to Deckerville Constr. Co., Deckerville, $82,533 each; and 6.003 mi. Federal Aid Rd. 122-A-2, to C. W. Whitely, Sandusky, $71,629. Grand total $236,695. Noted Dec. 10.

Michigan — State Hy. Dept., at office comrs. Sanilac Co., Sandusky, graveling 2.756 mi. Trunk Line Rd. 38-6, Sect. C, and

Streets and Roads (Continued)

7.443 mi. Sects. A-1 and A-2 same road, 18 ft., to T. McNally, Saginaw. Noted Dec. 17.

Michigan — State Hy. Dept. at office Comrs. Cheboygan Co., Cheboygan, gravel-ing 7.147 mi. Federal Aid Rd. 172 A3, 18 ft., to F. McNally, Bridgeport, $55,519. Noted Oct. 22.

Mich., Bad Axe—Huron Co., 20 ft. con-crete paving 2 mi. A. D. Rd. 36 and 38, to Deckerville Constr. Co., Deckerville, $36,-971; 9 ft. graveling 3 mi. A. D. Rd. 14, to Belknap & Sugden, Mayville, $17,999, also 8 mi. A. D. Rd. 26 and 48, by day labor. Noted Apr. 8.

Mich., Detroit—To M. R. Hanna Co., 2700 Six Mile Rd. E., 3½ in. sheet asphalt on 8 in. concrete paving 7,530 sq.yd. Briarcliff Rd. $29,848, 8,350 sq.yd. Lichfield Rd. $33,-300, 8,490 sq.yd. Renfrew Rd. $33,608, 8,660 sq.yd. Stratford Rd. $34,876, 6,330 sq.yd. Berkshire Rd. $25,538, 11,150 sq.yd. Chats-worth Ave. $44,633, 8,940 sq.yd. Welland Ave. $35,824, and 12,300 sq.yd. Schoenherr Rd. $48,238; to Detroit Asphalt Paving Co., 909 Transportation Bldg., 1,900 sq.yd. Lenox Ave. $8,143, 1,975 sq.yd. Lambert Ave. $9,003, 2,700 sq.yd. Larkins Ave. $11,-596, 1,965 sq.yd. Coplin Ave. $8,412, and 2,890 sq.yd. Roland Ave. $12,601; to Cleve-land Trinidad Paving Co., 402 Hammond Bldg., 1,905 sq.yd. Wildemere Ave. $8,809, and 2,000 sq.yd. Tuxedo Ave. $9,069; to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., 3,000 sq.yd. Dean Ave. $13,249, 4,830 sq.yd. Lawley Ave. $31,359, and 5,000 sq. yd. Halleck Ave. $21,176. Grand total $419,282.

Mich., Flint—Genesee Co., graveling 4.43 mi. A. D. Rd. 76, to Wilcox Bros., Caro, $39,927. Noted Apr. 22.

Mich., Fordson—To White Constr. Co., 1548 Buhl Bldg., Detroit, curbing, concrete paving, etc., 9,752 sq.yd. Assessment Dist. 102 $32,353, 13,071 sq.yd. Dist. 103 $42,885, 11,903 sq.yd. Dist. 104 $38,959, and 3,085 sq.yd. Dist. 105 $10,795; to M. R. Hanna Co., 2700 Six Mile Rd. E., Detroit, 8,446 sq.yd. Dist. 106 27,870, and 10,768 sq.yd. Dist. 107 $37,433. Grand total $190,295.

Mich., Grand Haven — Ottawa Co., con-crete paving 3.5 mi. road, 18 ft., to Charle-voix Abstract & Eng. Co., Charlevoix, $114,647.

Mich., Grand Rapids—Kent Co. graveling 3.001 mi. Parnell-Murray Lake Rd., to E. W. Vosburg, Comstock, $25,332. Noted Apr. 15.

Mich., Pontiac — Sheet asphalt paving 13,880 sq.yd. and repairing 7,550 sq.yd. various streets, to Schaefer Thompson Co., Mt. Clemens, $54,987 and $30,460 respec-tively.

Ill., Harvard—Grading, curbing and 7 in. rein.-con. paving 36,000 sq.yd. various streets, to Milburn Bros., 18th and Charles Sts., Rockford.

Ill., Peoria—Bd. Local Impvts., City Hall, grading, curbing and concrete paving 6 blocks Blaine St., 30 ft., to G. H. Johnson, 520 South University St., $26,674. Engrs. est. $38,205. Noted Apr. 15.

Ill., Peoria—Grading, curbing and con-crete paving 8 blocks Greenlawn Ave., 30 ft., to G. H. Johnson, 520 South University Ave., $30,538. Engrs. est. $44,482.

Ill., Rockford — Grading, curbing and warrenite paving 9 blocks North Court St., and 4 blocks Burton St., 29 ft., to Northern Illinois Supply Co., Rockford, $51,000 and $25,000 respectively. Engrs. est. $54,930 and $26,790 respectively.

Ill., Rockford—Bd. Local Impvts., City Hall, grading, curbing and Warrenite pav-ing 9 blocks Grant Ave., 29 ft., to Northern Illinois Supply Co., Rockford, $52,000. Engrs. est. $55,470. Noted Apr. 1.

Ill., Wilmette—Concrete paving various streets and alleys, to Central Constr. Co., Chicago Heights, $29,000, and to W. Goelitz, Oak Park, $49,000. Noted Dec. 17.

Wisconsin—State Hy. Dept., Div. Office 5, La Crosse, pea graveling, etc., 5,389 cu. yd. Federal Aid Project 325-A, La Crosse Co., to A. Larson & Co., Eau Claire, $50,-125. Noted Apr. 8.

Wis., Burlington — E. R. Tischer high-way comr., Racine Co., Madison, concrete paving, etc. 9,684 yd. Sects. A and B Bur-lington-Wilmot Ave. Rd., Racine Co., to R. R. Birdsall Constr. Co., 1025 12th St., Racine, $20,502 and $32,662 respectively. Noted Apr. 8.

Wis., Kenosha—J. Herzog, highway comr. Kenosha Co., concrete paving 18,673 sq.yd. Kenosha-Paris Rd., to L. C. Christiansen, Cambridge, $60,889. Noted Apr. 8.

Wis., Madison—W. R. Winckler, city clk., asphalt paving various streets, to J. Rasmussen Const. Co., Oshkosh, $37,780. Engrs. est. $30,000. Noted Apr. 8.

Wis., Milwaukee—Dept. Pub. Wks., con-crete paving 3 alleys, to W. F. Hunt, 405 Bway., $13,492; 3 alleys, to Schwerm Bros., 50 Lee St., $5,694; 6 alleys, to F. Hilde-brand, 1042 23rd Ave., $43,589; and 2 alleys to Bodemann Constr. C., 691 48th St., $19,-383. Grand total $82,158.

Wis., Racine—Com. Racine Co., concrete paving, etc., 13,482 sq.yd. Sect. A and 9,654 sq.yd. Sect. B, Burlington-Wilmot Ave. Rd., Job 2663, to R. R. Birdsall, Racine, $32,663 and $20,503 respectively.

Ia., Allison—Butler Co., to Shirley-Cald-well Co., Omaha, Neb., improving Federal Aid Project 274, 54,197 cu.yd. excav. at $0.249 per cu.yd., 144 ft. 15 in. culvert labor $0.30, 96 ft. 18 in. $0.35, and 240 ft. 24 in. $0.40.

Ia., Carroll—Carroll Co., to Northwestern Gravel Co., 4000 Royal Union Life Bldg., Des Moines, improving various roads, 5,000 cu.yd. gravel at $0.59½ per cu.yd., 39,500 units overhaul ½ mi. haul $0.68, and to J. H. Heldt, Everey, surfacing at $0.32 per sq.yd.

Ia., Charles City — Floyd Co., to A. M. Russell & Sons, New Hampton, improving Project 19, 8,660 cu.yd. excav. at $0.275 per cu.yd., 100 ft. 15 in. and 20 ft. 18 in. culvert pipe at $0.35 per ft.; to W. R. Garland, New Hampton, improving Project 6, 14,500 cu.yd. excav., $0.294 per cu.yd., 208 ft. 15 in. culvert labor at $0.25 per ft., 84 ft. 18 in. $0.35 and 80 ft. 21 in. $0.45.

Ia., Council Bluffs—Pottawattamie Co., to E. J. Wilson, Omaha, Neb., improving Fed-eral Aid Project 280, 116,583 cu.yd. excav. at $0.17 per cu.yd., 100 cu.yd. loose rock excav. $0.75, 100 cu.yd. solid rock excav. $1.50, 128 ft. 15 in. culvert pipe labor $0.60, 32 ft. 18 in. $0.70, and 128 ft. 30 in. $1.

Ia., New Hampton—Chickasaw Co., to C. R. Thompson, Shellock, improving Federal Aid Project 76, 2,519 cu.yd. excav. 1 mi. haul at $0.38 per cu.yd., 12,500 units 0.5 mi. haul $0.08, and 1,000 cu.yd. stripping $0.18, also Federal Aid Project 160, 5,532 cu.yd. gravel 1 mi. haul $0.38, 13,750 units 0.5 mi. haul $0.08, and 20 cu.yd. stripping $0.18.

Ia., Northwood—Worth Co., to L. O. Kim-ball, Clear Lake, improving Federal Aid Project 268-A, 13,149 cu.yd. excav. 1 mi. haul at $0.45 per cu.yd., 44,350 units ½ mi. haul $0.09, and Federal Aid Project 216-D, 5,962 cu.yd. gravel 1 mi. haul $0.29, 63,250 units ½ mi. haul $0.07, and 1,000 cu.yd. stripping $0.20.

Ia., West Union—Fayette Co., to W. R. Garland, New Hampton, improving Federal Aid Project 164, 13,898 cu.yd. gravel 1 mi. haul at $0.395 per cu.yd., 51,300 units 0.5 mi. haul $0.079, and 3,600 cu.yd. stripping $0.20.

Minn., Elbow Lake—Grant Co., grading, etc., 98,319 cu.yd. State Road 4, Job 2601-A, to Studer & Manion, Elbow Lake $26,907, and 97,117 cu.yd. State Rd. 15, Job 2602, to H. M. Nelson, Chokio, $26,540. Noted Apr. 1.

Minn., Ely—A. O. Knutson, city clk., vi-brolithic paving approximately 8,200 sq.yd. various streets, to C. A. Johnson & Carlson, Virginia, Minn., $33,879. Noted Mar. 25.

Minn., Grand Rapids — T. Erskine, aud. Itasca Co., grading, etc., 22 mi. Marcell-Craigville Rd., to R. Whitmas, Bovey, $97,-309. Noted Mar. 25.

Minn., Moorhead — Concrete paving 13 blocks 11th St. between 4th Ave. S. and 9th Ave., N., to S. Birch & Sons Co., Fargo, N. D., $61,335.

Neb., Wolbach—Rein.-con. paving 8,920 sq.yd. various streets, to Yant Constr. Co., 813 Omaha Natl. Bank Bldg., Omaha. Engrs. est. $39,200.

North Dakota — State Hy. Dept., Bis-marck, **(F. A. P. means Federal Aid Proj-ect)**, grading, etc. 9.756 mi. F.A.P. 220-B, Slope Co., to Shelp & Malloy, Lemmon, S. D. $24,391, 6.447 mi. F.A.P. 276-B, Grant Co., to W. L. Chapin & Son, McIntosh, S. D. $19,434, and 0.139 mi. F.A.P. 243-C, Adams Co., to J. H. Howard, Marmarth, $3,693; concrete paving, etc. 9.756 mi. F.A.P. 220-B, Slope Co., to J. J. Rue & Sons, Bismarck $10,052, and 6.447 mi. F.A.P. 276-B, Grant Co., to Fargo Bridge & Iron Co., Fargo $3,310; also constructing overhead crossing on 0.139 mi. F.A.P. 243-C, Adams Co., to Milwaukee R.R. on force account basis. Noted Apr. 1 and Apr. 29.

Mo., Kansas City — Applying 3,000,000 gal. road oil on various strets, to G. Ross, 720 New York Life Bldg., at $0.0749 per gal.

Mo., Liberty — Improving Morse Ave., 1,591 cu.yd. excav., 5,090 sq.yd. concrete paving, etc., also Missouri Ave., 865 cu.yd. excav., 5,100 sq.yd. concrete paving, etc., to Staunton Field, Liberty, approximately $29,000.

Mo., Platte City—City Clerk, amiesite on rolled rock paving 23,375 sq.yd. various streets, to Phoenix Constr. Co., Dwight Bldg., Kansas City, $26,989. Engrs. est. $26,000. Noted Apr. 8.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, brick paving, etc. 5,660 sq.yd. Magnolia Ave., to Eyermann Constr. Co., 1216 South Grand Blvd. $32,356, and 3,215 sq.yd. Beacon St., to Skrainka Constr. Co., Security Bldg. $19,094; warrenite bitulithic concrete paving, etc. 3,265 sq.yd. Childress Ave. and 3,435 sq.yd. Geraldine St., to Granite Bituminous Paving Co., Ry. Exch. Bldg., $18,596 and $20,150 respectively; asphaltic concrete paving, etc. 2,400 sq.yd. Tennessee St., to C. A. Moreno, Syndicate Trust Bldg., $24,237; asphalt paving, etc. 2,515 sq.yd. Euclid Ave., to Bridges Asphalt Paving Co., Buder Bldg., $15,703; and widening Franklin Ave. between High and Jefferson Sts., to Blackburn Cream Constr. Co., Chouteau Trust Bldg., $127,-637. Grand total $237,623.

Mo., Stewartsville—For 6 and 7 in. con-crete paving 9,354 sq.yd. various streets, to C. H. Atkinson Paving Co., Stewartsville. Noted Apr. 22.

Tex., Abilene—Warrenite bitulithic on 5 in. concrete paving Pecan St. from 4th to 9th Sts., to West Texas Constr. Co., Abilene, $2.91 per yd.

Tex., Big Springs—C. E. Thomas, mayor, grading, curbing, guttering and 2 in. Uvalde rock on 5 in. concrete paving 45,000 sq.yd. various streets, to General Constr. Co., Cot-ton Exch. Bldg., Ft. Worth, $124,650. Engrs. est. $130,000. Noted Apr. 8.

Tex., Brownsville—Cameron Co., grading and bridging 24.412 mi. Highway 100, Point Isabel-Barreda Rd., to Armstrong & Arm-strong, 505 Houston Bldg., San Antonio, $60,269.

Tex., Clarendon—For 3 in. brick on 4 in. concrete paving 23 blocks various streets, to Panhandle Constr. Co., Lubbock, $165,000. Noted Apr. 8.

Tex., Floydada—Curbing, guttering and 2½ in. brick on 4 in. concrete paving vari-ous streets, to E. W. Baker, 1st Natl. Bank Bldg., Oklahoma City, Okla., $88,072. Noted Apr. 1.

Tex., Ft. Worth — Warrenite bitulithic paving various streets, to West Texas Constr. Co., Cotton Exch. Bldg., $200,482.

Tex., Hallettsville — Lavaca Co., double bituminous surface treatment on 8 in. waterbond macadam paving 14.23 mi. High-way 72, Federal Aid Project 373-B, 18 ft., to Smith-Boyette Co., Bryan, $272,012.

Tex., Huntsville — Grading and bridging 17.27 mi. Highway 45, State Aid Project 664-B, to Smith-Boyette Co., Bryan, $74,-016. Noted Apr. 15.

Tex., Miles—For 2½ in. brick on 5 in. concrete paving 13,700 yd. various streets, to Panhandle Constr. Co., Lubbock, $42,000. Noted Mar. 25.

Tex., Waco—For 2 in. asphaltic concrete on 6 in. concrete paving 6 blocks various streets, to Standard Paving Co., c/o Provi-dent Bldg., Waco, $2.72 per yd. Noted Jan. 7.

Okla., Wewoka — Grading and concrete paving 17 blocks various residential streets, in Street Impvt. Dist. 5, 18 to 40 ft., to Dougherty, Nicholas & Wiggins, Herskowitz Bldg., Oklahoma City, $70,530. Engrs. est. $74,450.

Arizona—W. C. Lefebvre, highway engr., Phoenix, improving Yuma-Gila Bend High-way, Federal Aid Project 82-B, to K. Hodg-man, Oakland, Calif., $257,919; Phoenix-Prescott Highway, Federal Aid Project 84-A, to R. H. Martin, Tucson, $25,882, for State Hy. Dept. Noted Mar. 18 and Mar. 25.

Washington—State Hy. Dept., Olympia, **(F.A.P. means Federal Aid Project and S.R. means State Road)**, concrete paving etc., 55,111 sq.yd. S.R. 2, F.A.P. 149-A, Chelan Co., to C. L. La Plant & Co., Sedro-Woolley $149,442, and 72,000 sq.yd. S.R. 5, F.A.P. 159-A, Pierce Co., to Albertson, Cor-nell Bros. & Walsh, 1113½ A St., Tacoma $221,355; grading 12.17 mi. S.R. 3, F.A.P. 154-A, Ferry Co., to R. L. Reed, Jerome, Idaho, $93,079; and crushed rock surfac-ing, etc., 6,300 cu.yd. S.R. 8, Klickitat Co., to H. W. Anderson, 311 California Bldg., Tacoma, $10,295. Grand total $475,171. Noted Apr. 1.

Wash., Kelso—Grading and graveling Per-manent Highway 12, Cloverdale Rd., to J. Weeks, Kelso, $27,054. Engrs. est. $33,000. Noted Apr. 8.

Wash., Longview — Paving end present paving on California Way to bridge ap-proach, L. I. D. 19, to Longview Dredging & Constr. Co., Longview, $104,312.

Wash., Ritzville—Adams Co., 7 mi. Per-manent Highway 7, to Triangle Constr. Co., Spokane, $25,000.

Wash., Seattle—Paving etc. 14th Ave. et al., to J. B. Covello, 1510 16th St. South,

Streets and Roads (Continued)

$186,052; and 32nd Ave. N. W., to F. M. Badolato, Box 561, $106,717.

Wash., Seattle—Bd. Pub. Wks., grading 30th Ave. S. et al, to Dowell Constr. Co., Securities Bldg. $28,072, and 19th Ave. S. W. et al, to Wilburn & Stone, Henry Bldg., $37,455; also paving Fuhrman Ave. et al, to Moceri Bros., 924 23rd Ave., $51,653. Grand total $117,180.

Wash., South Bend—Comrs. Pacific Co., grading, etc., Permanent Highway 13 between Raymond and South Fork, to S. L. Dennis, Raymond, $36,680. Engrs. est. $38,485.

Wash., Wenatchee—Chelan Co., crushed rock surfacing 2.6 mi. Wenatchee-Chelan Highway, Permanent Highway 20, to Goodfellow, Bros., Wenatchee, $29,906. Engrs. est. $35,000.

California—State Hy. Dept., Sacramento, grading, surfacing, etc., 4.5 mi. road between Dog Creek and Lamoine, Shasta Co., to Pollock Co., Forum Bldg., Sacramento, $272,598; concrete shoulders and asphalt surfacing 7.8 mi. road from Modesto to Stanislaus River, Stanislaus Co., to Valley Paving & Constr. Co., Visalia, $163,481; and concrete shoulders on 2.1 mi. road from Borden to Madera, Madera Co., to Hanrahan Co., Standard Oil Bldg., San Francisco, $18,735. Grand total $454,814. Noted Apr. 1 and 8.

Calif., Chico—I. R. Morrison, city clk., grading, walks, guttering, concrete curbing, 1½ in. on 3½ in. asphaltic concrete surfacing, etc. portions of 7th St., etc., to Chico Contg. Co., Chico, $173,038. Noted Apr. 22.

Calif., Culver City—Sidewalks, curbing and Warrenite paving portion Washington Blvd., to Warren Constr. Co., 2221 East 25th St., Los Angeles, $90,857.

Calif., Long Beach — Curbing, guttering and 8 in. asphalt paving, etc., West 7th St., to Sully-Miller Co., 1500 West 7th St., $52,678.

Calif., San Diego — Common Council, curbing, sidewalks, and 4 in. Warrenite paving, etc. 143,565 sq.ft. Arch St., Monroe and Meade Aves., to Griffith Co., 25 14th St., $38,373. Noted Apr. 15.

Calif., San Diego—Common Council, curbing, sidewalks and asphaltic concrete paving, etc., 120,551 sq.ft. Oregon St., to R. E. Hazard Contg. Co., 2548 Kettner Blvd., $29,507; 149,996 sq.ft. Dale St., to Griffith Co., 25 14th St., $36,005; also 227,367 sq.ft. Collier Ave., Arizona St., etc., to G. R. Daley, 4430 Boundary St., $61,496. Grand total $127,008. Noted Apr. 29.

Calif., San Diego — Bd. Supervs. San Diego Co., to H. H. Peterson, Spreckels Bldg., improving Julian Rd. 3-A, 18,307 cu. yd. 5 in. concrete paving at $12.73 per cu. yd., 29,905 cu.yd. grading $0.65, 9,081 lin. ft. concrete curbing $0.25, etc., total $271,211. Noted Apr. 8.

Calif., San Mateo—E. W. Foster, city clk., grading and concrete shoulders, etc. on El Camino Real, to Hanrahan Co., Standard Oil Bldg., San Francisco, $38,435. Noted Apr. 22.

Calif., San Rafael—Supervs. Marion Co., grading and 5 in. asphaltic concrete paving, etc. Point San Pedro Rd., also 4 in. asphaltic concrete paving Santa Venitia Rd., both in Marion co., to Pacific States Constr. Co., Call Bldg., San Francisco, $23,879 and $23,307 respectively. Noted Apr. 1.

Calif., Santa Barbara—Curbing, guttering, 2 in. asphaltic concrete on 6 in. concrete paving 231,061 sq.ft. Chapala St. between Anapamu and Monticeto Sts., to G. A. Simpson, Victory Bldg., Burbank, $134,896. Noted Oct. 29.

Calif., Santa Rosa—Supervs. Sonoma Co., grading and 5 in. Willite asphaltic concrete paving 260,386 sq.ft. Petaluma-Sonoma Rd., to Teichert & Sons, 1846 37th St., Sacramento, $65,540. Noted Apr. 29.

Alberta — J. D. Robertson, deputy minister Dept. Pub. Wks., Edmonton, paving Project 1 Sects. D-3 and D-2, to F. Mannix, Calgary, $44,832; Project 6, Sect. A-Sub 2, to Russell & McLeod, Lethbridge, $15,359; and Project 3, Sect. A-Sub 4, to Dodge & McDonald, Lethbridge, $15,336. Grand total $75,547.

Alta., Calgary — Concrete sidewalks on various streets, to G. B. Wood Cartage Co., Ltd., Calgary. Engrs. est. $39,000.

B. C., Golden — W. H. Sutherland, minister Pub. Wks., Provincial Government, Victoria, clearing, grading and graveling 7⅛ mi. Golden-Yoho Park Highway, to Dawson, Wade & Co., Bekins Bldg., Vancouver, $78,859. Noted Apr. 8.

B. C., South Vancouver — Municipality will pave, gravel and concrete sidewalks on various streets, by day labor. $198,000. E. D. Todd, Municipal Hall, engr.

B. C., West Vancouver—Widening and asphalt macadam paving 2 blocks Marine Dr., to Cotton Co., Ltd., False Creek, Vancouver. Engrs. est. $33,000.

Buildings—Commercial

Proposed Work

Me., Portland — CHEMICAL LABORATORY, etc. — Schlotterbeck & Foss, 36 Brown St., plans 5 story and basement, chemical laboratory and manufacturing building, brick and steel. $200,000. Private plans.

Massachusetts—JAIL—Comrs. Middlesex Co., (Cambridge), A. Cutting, chn., plans jail. $800,000 appropriation asked for. Engineer and architect not selected.

Mass., Arlington (br. Boston)—HOSPITAL — Symmes Arlington Hospital plans brick and steel addition, Arlington Heights. $150,000. Engineer and architect not selected.

Mass., Arlington—POLICE HEADQUARTERS—Town, A. W. Lombard chn. com., having preliminary plans prepared by C. B. Dunham, 6 Beacon St., Boston, 2 story and basement, rein.-con., brick and stone, North Central St. $150,000 or more.

Mass., Brookline (br. Boston)—GARAGE —Henderson & Ross, 209 Washington St., Boston, having preliminary sketches made by H. F. Kellogg, 278 Stuart St., Boston, 3 story and basement, rein.-con., John, Pleasant and Waldo Sts., Coolidge Corner. $500,000.

Mass., Cambridge (Boston P. O.) — STORE and APARTMENT—Hunter Market Co., 79 Concord Ave., plans 3 or more story and basement, brick, Huron Ave. $150,000 or more. Engineer and architect not selected.

Mass., Cohasset—TOWN HALL—Town, D. W. Gilbert, chn. com., plans 2 story and basement, brick and stone town hall. $150,000. Engineer and architect not selected.

Mass., East Boston (sta. Boston) — THEATRE, STORE and OFFICE—Owner, c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, having plans prepared 3 story and basement, 100 x 150 ft., brick and steel, plain foundation, Maverick Sq., here. $400,000.

Mass., East Cambridge—(mail Boston)—REGISTRY of DEEDS—Comrs. Middlesex Co. A. Cutting, chn., plans brick registry of deeds building addition. $240,000. Engineer and architect not selected.

Mass., Lexington — BANK — Lexington Trust Co., E. G. Preston, pres., Massachusetts Ave., plans 2 story, rein.-con., brick and stone, Massachusetts Ave. and Muzzey St. $150,000. Engineer and architect not selected.

Mass., Webster—OFFICE—See "Buildings—Educational, Religious."

Mass., Worcester — THEATRE — Owner, c/o City Central Corp., 209 Washington St., Boston purchased site and plans theatre, 3,500 seating capacity, 564-568 Main and High Sts. To exceed $150,000.

N. Y., Far Rockaway—STORE and OFFICE—Meltzer, Silverman & Perlman, c/o G. and E. Blum, engrs. and archts., 415 Lexington Ave., New York City, having plans prepared brick, steel and stone, plain foundation, Central Ave., here. $150,000.

N. Y., Jamaica—Y. M. C. A., 2 West 45th St., New York City, having plans prepared by G. W. Conable, engr. and archt., 46 West 24th St., New York City, brick, steel and stone, plain foundation, 90th St. and Parsons Blvd., here. $600,000.

N. Y., New York—APARTMENT—Three Hundred Thirty-Seven West 21st St. Corp., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., making plans 6 story, brick and stone, plain foundation, Tinton Ave. $155,000.

N. Y., New York—APARTMENT—A. Nass, c/o Seelig & Finkelstein, engrs. and archts., 44 Court St., Brooklyn, having plans prepared brick, steel and stone, plain foundation, West 197th St., here. $350,000.

N. Y., New York—APARTMENT—Rupal Realty Co., I. Schwab, pres., 391 East 149th St., having plans prepared by C. Shaefer, Jr., engr. and archt., 148th St. and 3rd Ave., 6 story, brick, steel and stone, plain foundation, Riverside Dr., $250,000; also plans by Seelig & Finkelstein, engrs. and archts., 44 Court St., Brooklyn, 6 story, brick, steel and stone, plain foundation, Sedgwick Ave., here. $350,000.

N. Y., New York—CLUB and HOTEL—Cinema Club of America, Inc., D. R. Hockrich, pres., c/o H. C. Severence, engr. and archt., 25 Bway., soon takes bids 22 story, brick, steel and stone, plain foundation, 150 West 59th St. $4,000,000. Noted Mar. 18.

N. Y., New York—HOTEL—Peter Cooper Lexington Corp., c/o R. Candela, engr. and archt., 200 West 72nd St., having plans prepared 15 story, brick, steel and stone, plain foundation, Lexington Ave. and 39th St. $900,000.

N. Y., New York—Y. W. C. A., 125 East 52nd St., having plans prepared by F. Y. Joannes, engr. and archt., 247 Park Ave., 8 story, brick, steel and stone, plain foundation, 208 East 77th St. $300,000.

N. Y., Ridgewood (sta. Brooklyn) — EXCHANGE—New York Telephone Co., 15 Dey St., soon takes bids 3 story, brick, steel and stone addition, plain foundation, Gates Ave. McKenzie, Voorhies & Cheslin, 342 Madison Ave., New York City, engrs. and archts.

N. J., Atlantic City — HOTEL — Owner c/o W. M. Stanton, archt., 1524 Chestnut St., Phila., Pa., had plans prepared and soon takes bids 18 story and basement, 96 x 150 ft., rein.-con., brick and steel, wood pile foundation, Virginia Ave. and Boardwalk.

N. J., Trenton—STORE—F. W. Donnelly & Son, 18 South Broad St., having plans prepared by W. A. Klemann, 1st Natl. Bank Bldg., 3 story, 55 x 80 ft., brick and steel, Broad and Hanover Sts. $300,000.

Pa., Clearfield—COURT HOUSE—Clearfield Co. plans court house. Engineer and architect not selected. Address A. R. Chaes, chn. com.

Pa., Norristown — Y. M. C. A. having plans prepared by Thomas, Martin & Kirkpatrick, 220 South 16th St., Phila., for addition to Y. M. C. A. $150,000.

Pa., Phila. — ASYLUM — St. Magdalen Asylum, Penn and Chew Sts., having plans prepared by F. V. Nickels, 15 South 21st St., for House of Good Shepard, 3 story and basement, 40 x 100 ft., rein.-con., stone and steel, plain foundation, Penn and Chew Sts.

Pa., Phila. — STORE — Ritter & Shay, archts., Packard Bldg., rejected bids Apr. 7, and preparing revised plans 10 story and basement, 23 x 200 ft. store, 929 Market St., for H. C. Kahn & Son, 11th and Filbert Sts. Noted Apr. 8.

Md., Baltimore—OFFICE—Civic Centre Realty Co., 404 St. Paul St., having plans prepared by L. R. White, Hearst Tower, 18 story and basement, 72 x 100 ft., brick and steel, plain foundation, Calvert and Lexington Sts. $1,250,000.

N. C., Durham—THEATRE and OFFICE —Durham Amusement Co., soon takes bids 10 story and basement, West Main St.

N. C., Hendersonville—HOTEL—J. Wells plans 8 story and basement, 228 room, 4th Ave. and Church St. $1,000,000.

N. C., Raleigh—ASYLUM—State plans rebuilding portion main building of Central Hospital for Insane, Dix Hill, here, recently destroyed by fire. $400,000. C. C. Hook, Trust Bldg., Charlotte, archt.

N. C., Wilson — BANK and OFFICE — First Natl. Bank, plans 8 story and basement, Nash St. $400,000. J. Bruton, Wilson, pres.

Ga., Atlanta—CITY HALL—City having preliminary plans prepared by A. Ten Eyck Brown, 720 Forsyth Bldg., 15 story and basement, 165 x 165 ft. with 75 x 75 ft. tower, rein.-con., steel and tile, concrete pile foundation. $1,000,000. Noted Apr. 8.

Fla., Crystal River — HOTEL — W. F. Miller, J. S. Salten, et al, purchased site and plan 6 story hotel, Bway. and Crystal St. $300,000.

Fla., Ft. Lauderdale—COURTHOUSE—Broward Co. having plans prepared by J. M. Peluman, Ft. Lauderdale, court house, Valentine and 2nd Sts. $600,000. Noted May 21.

Fla., Ft. Lauderdale—HOSPITAL—City purchased site and plans hospital. $250,000.

Fla., West Palm Beach—AUDITORIUM —Voted $175,000 bonds, auditorium. C. A. Bingham, city mgr.

Ala., Birmingham — OFFICE — Viaduct Realty Co. of Birmingham, having plans prepared by C. McCauley, Jackson Bldg., 3 story top addition, 1st Ave. and 21st St. $250,000. Birmingham Electric Co., 2100 1st Ave., J. S. Pever, genl. mgr., lessee.

Miss., Biloxi — HOTEL — Dorries Hotel Co. incorporated with K. E. Dorries, L. Brown and C. R. Matthes, all Biloxi, and plans apartment hotel on Mississippi Coast.

La., New Orleans — TEMPLE — Temple Sinai Congregation, J. Bloom, chn. building com., 1845 Tchoupotoulos St., having plans prepared by E. Weil, Inc., Whitney Bldg., M. H. Goldstein, Hibernia Bldg., and Weiss & Dreyfous, Maison Blanche Bldg., for temple, St. Charles and Calhoun Sts. $250,000.

O., Akron—APARTMENT—L. Grieser, Bowery and Main Sts., had plans prepared by L. R. Walker, 1900 Euclid Bldg., Cleveland, 4 story and basement, 103 x 113 ft., brick and timber apartment. $250,000.

O., Canton—GARAGE and STORAGE—Ohio Power Co., 301 Cleveland Ave. S. W., takes bids about May 28, 2 story, brick and concrete, Savanah Ave. and 2nd St. S. W. $150,000.

Buildings—Commercial (Continued)

O., Cleveland—APARTMENT—Co-Operative Apartment Co., c/o K. I. Best & E. G. Hoefler, archts., Keith Bldg., having preliminary plans prepared 6 story and basement, 100 x 150 ft., brick and concrete, Lake Ave. $400,000.

O., Cleveland—APARTMENT—A. Rothenberg & B. Bialosky, 2163 Ontario St., having plans prepared by M. Weis, 1836 Euclid Ave., 3 story and basement, 60 x 130 ft., brick and timber, Cornell Rd. $200,000.

O., Hamilton—HOTEL—Hamilton Hotel Co., having plans prepared by F. G. Mueller, Rentschler Bldg., 8 story, brick and rein.-con., High and Monument Sts. $600,000.

O., Massillon—HOTEL—Ohio Savings & Trust Co., plans 10 story and basement, brick and steel, Mill and Plum Sts. $300,-

Ind., Attica—HOTEL—Mudlavia Hotel Co., Mudlavia, having plans prepared by Buckley & Skidmore, Hammond, brick and steel hotel in Mudlavia, near here. $175,000.

Ind., Decatur—THEATRE—Natl. Theaters, Inc., Associates Bldg., South Bend, had plans prepared by R. B. Williamson, 405 Bway., Milwaukee, Wis., 2 story and basement, brick, terra cotta and concrete, here. $150,000.

Ind., Gary—BANK—Gary State Bank, 5th Ave. and Bway., having plans prepared by Ivar, Viehe, Naess Co., 400 North Michigan Ave., Chicago, Ill., brick and rein.-con. bank. $400,000.

Ind., Huntington — LODGE — Masonic Lodge had plans prepared by R. W. Stevens, Huntington, 2 story and basement, 70 x 100 ft., brick and steel lodge. $155,000.

Ind., Woodmere (mail Evansville)—HOSPITAL—Indiana Hospital for Insane, C. E. McLaughlin, supt., having preliminary plans prepared by Shopbell, Fowler & Thole, Evansville, hospital addition. $300,000.

Mich., Detroit—BANK—Federal Reserve Bank of Chicago, Ill., (Detroit Branch), J. W. Staley, member building com., 1040 Harvard Ave., having plans prepared by E. H. Burnham & Co., 160 North La Salle St., Chicago, Ill., 4 story and basement, rein.-con., brick and steel, Fort and Shelby Sts. $600,000.

Mich., Escanaba — HOSPITAL — Third Order of St. Francis, Peoria, Ill., having plans prepared by G. Arntzen, Escanaba, 4 story and basement, rein.-con. and brick addition, plain foundation, here. $200,000.

Mich., St. Clair Flats (Algonac P. O.)—CLUBHOUSE—Old Club F. H. Robinson, 8905 East Jefferson Ave., Detroit, having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, 3 or 4 story, rein.-con. and brick, clubhouse here. $300,000.

Ill., Belleville—HOSPITAL—C. H. Starke, et al, 7 South Church St., having preliminary plans prepared 100 bed, concrete, brick and stone hospital. $500,000.

Ill., Chicago—APARTMENT—C. W. Morris, 111 West Washington St., had plans prepared by Hooper & Janusch, 879 North State St., and takes bids about May 12, 16 story and basement, 50 x 140 ft., rein.-con., brick and steel, Cass St. and Delaware Pl. $1,750,000. Noted Feb. 4.

Ill., Chicago—STORE and APARTMENT—E. P. Steinberg, archt., 360 North Michigan Ave., prepared plans and soon takes bids 3 story and basement, 75 x 105 ft., brick and terra cotta, Mohawk and North Aves., for M. Spear, 519 West North Ave. $150,000.

Ill., Chicago — THEATRE, STORE and APARTMENT — C. Andrews, et al, 2555 Lawrence Ave., plans 3 story, 198 x 250 ft., brick and terra cotta, West Madison St. between Elgin and Harlem Aves. $1,500,000. Engineer and architect not selected.

Ill., Chicago—THEATRE, HOTEL and STORE—Amer. Amusement Co., 160 North La Salle St., having plans prepared by J. Eberson, 212 East Ontario St., and takes bids in May or June, 7 story and basement, 125 x 250 ft., rein.-con., steel, brick and terra cotta, North Ave. $2,800,000.

Ill., Taylorsville—HOSPITAL—St. Vincent Hospital plans hospital additions. $150,000. Engineer and architect not selected.

Ill., Waukegan — THEATRE — Natl. Theatres Inc., Associates Bldg., South Bend, Ind., having plans prepared by R. B. Williams, 405 Bway., Milwaukee, Wis., 2 story and basement, rein.-con., brick and terra cotta, plain foundation. $150,000.

Wis., Beloit — BANK — Beloit Savings Bank, 119 Grand Ave., having plans prepared by W. G. Uffendell, 39 South State St., Chicago, Ill., 2 story and basement, brick, stone and concrete, plain foundation, North State. $150,000. Noted Dec. 31.

Wis., Fond du Lac—HOTEL—M. Tullgren & Sons, archts., 9 Waverly Pl., Milwaukee, rejected bids Feb. 8, 8 story and basement, brick and concrete addition to Retlaw Hotel, plain foundation, here, for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. $200,000. Will readvertise. Noted Feb. 4.

Wis., Green Bay—HOTEL—M. Tullgren & Sons, archts., 9 Waverly Pl., Milwaukee, rejected bids Feb. 8, 8 story and basement, brick and concrete addition to Hotel Northland, here, for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. $200,000. Will readvertise. Noted Feb. 4.

Wis., Kenosha — THEATRE — Dayton Bros. having plans prepared by Armstrong & White, 200 East Erie St., pressed brick, terra cotta and steel theatre 1,700 seating capacity. $500,000.

Wis., Milwaukee—THEATRE—Muskego Advancement Assn., 834 Muskego Ave., plans 2 story and basement, rein.-con. and brick, plain foundation, Muskego Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee—THEATRE and BUSINESS—E. A. Meyer, archt., 2703 Lisbon Ave., making plans 3 story and basement, 100 x 128 ft., brick and concrete, plain foundation, Southside. $150,000. Owner's name withheld.

Wis., Oshkosh—THEATRE and BUSINESS—Saxe Amusement Enterprises, 530 Grand Ave., Milwaukee, having plans prepared by Foltz & Co., 510 North Dearborn Ave., Milwaukee, 2 story and basement, rein.-con., brick and terra cotta, plain foundation, Main St. $600,000.

Wis., Pine Lake—HOTEL—Pine Lake Hotel Co., E. Nussbaum, 464 Menlo Blvd., Milwaukee, having preliminary plans prepared by Clas. Shepherd & Clas., 445 Milwaukee St., Milwaukee, for hotel. $200,000.

Wis., Racine—APARTMENT—T. Carney, c/o Armstrong & White, archts., Pub. Serv. Bldg., Kenosha, having plans prepared 3 story and basement, brick and concrete, plain foundation, here. $300,000.

Ia., Newton—OFFICE and THEATRE—H. Raeder, archt., 20 West Jackson Blvd., Chicago, Ill., preparing plans and takes bids about May 15, 5 story and basement, 66 x 134 ft., rein.-con., brick and terra cotta, here, for F. L. Maytag, Newton. $300,000. Noted Mar. 25.

Minn., Duluth — HOSPITAL — Starin & Melander, archts., 5 Sherwood Bldg., soon lets contract 2 story and basement, 125 x 186 ft., rein.-con., brick, terra cotta and steel, concrete pile foundation, Grand Ave., for E. S. Webber, Missabe Hospital, Proctor. $200,000.

S. D., Watertown — COURT HOUSE — Coddington Co. having preliminary plans prepared by W. E. Hulse & Co., Stamey Hotel, Hutchinson, Kan., brick and stone court house. $500,000. Noted Apr. 15.

Mo., Kansas City — COURT HOUSE — Election in June, $500,000 bonds, court house. Engineer and architect not selected.

Mo., Kansas City—HOTEL—W. D. Snyder, 618 Commerce Bldg., having plans prepared by P. T. Drotts, 300 Reliance Bldg., 8 story and basement, 55 x 120 ft., rein.-con., brick and terra cotta hotel. To exceed $150,000.

Mo., St. Louis—APARTMENT—Joyner Realty Co., c/o H. R. Weisels Co., 730 Chestnut St., having preliminary plans prepared 8 story and basement, rein.-con., brick and terra cotta apartment in Cabanne Dist. $500,000. Private plans.

Mo., St. Louis—APARTMENT—Missouri Realty & Constr. Co., 6117 Page Blvd. ,having preliminary plans prepared 7 story and basement, 60 x 180 ft., rein.-con., brick and terra cotta, West Pine St. $500,000. Private plans.

Tex., Corpus Christi—HOTEL—Syndicate, c/o J. E. Garrett, Corpus Christi, made preliminary plans 10 story, rein.-con. and brick hotel, plain foundation. $400,000. Engineer and architect selected soon.

Tex., Mineral Wells — HOTEL — Mineral Wells Hotel Co., c/o A. E. Eaton, plans 12 story and basement, 250 room, rein.-con., brick and stone, plain foundation, North East 1st Ave. and Hubbard St. $1,000,000.

Tex., Texarkana — CITY HALL and AUDITORIUM — City having plans prepared by Witt, Seibert & Halsey, 807 Texarkana Natl. Bank bldg., 2 story and basement, rein.-con., brick and stone, East 3rd and Walnut Sts. $225,000.

Tex., Waco—HOTEL—O. H. Cross, plans 12 story, 200 room, brick, stone and rein.-con., 5th and Franklin Sts. $700,000. Engineer and architect not selected. C. M. Hildon, Hildon Hotel, and H. Sigel, Waldorf Hotel, Dallas, lessees.

Okla., McAlester—COURTHOUSE—Pittsburg Co. election May 25, $200,000 bonds 2 story and basement court house, Main St. A. Evans, co. clk. Engineer and architect not selected. Noted Aug. 20.

Okla., Oklahoma City—OFFICE—W. R. Ramsey, Security Bldg., having preliminary plans prepared 18 story and basement, 50 x 140 ft. rein.-con. and steel, plain foundation, Robinson St. Engineer and architect not selected.

Okla., Oklahoma City—WAREHOUSE—J. B. Rolater, Shops Bldg., had plans prepared 3 story and basement, 140 x 150 ft., rein.-con. and brick, plain foundation, 6th St. $160,000. Engineer and architect not announced.

Colo., Denver — MAUSOLEUM — Olinger Corp., 1429 Champa St., having plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, Mo., Mausoleum containing 3,000 crypts and family rooms, Crown Hill Cemetery. $800,000.

Wash., Seattle—HOSPITAL—Norwegian Hospital Assn. plans 4 story, brick and terra cotta, 35th St. and Woodland Park Ave. $200,000-$250,000. T. P. Bugge, 6408 Phinney Ave., chn. building com.

Ore., North Bend—APARTMENT—W. R. Robertson had plans prepared by De Young & Roald, Spalding Bldg., Portland, and soon takes bids 4 story, 80 x 100 ft., rein.-con., brick and terra cotta apartment. $150,000.

Ore., Portland—THEATRE and STORE—De Young & Roald, archts., Spalding Bldg., preparing plans 2 story, 100 x 200 ft., rein.-con. and stone, 41st, 42nd and Belmont Sts. $150,000. Owner's name withheld.

Calif., Alameda — LODGE — Masonic Orders of Alameda, had plans prepared by E. J. Symmes, 1st Natl. Bank Bldg., San Francisco, 2 story, rein.-con. and steel, Park St. and Central Ave. $150,000.

Calif., Glendale—BANK and OFFICE—Warehouse Realty Co., 108 West Bway., had preliminary plans prepared by Dodd & Richards, 905 Brack-Shops Bldg., Los Angeles, 6 story, 50 x 150 ft., Brand St. and Bway. $150,000.

Calif., Long Beach—WAREHOUSE, etc.—Long Beach Terminal Warehouse Co., having plans prepared by E. H. Cline, Petroleum Security Bldg., Los Angeles, 3 and 6 story, rein.-con. warehouse and cold storage building, Water St. To exceed $150,000.

Calif., Los Angeles—APARTMENT—W. Bruce, archt., Pacific Natl. Bank Bldg., preparing preliminary plans 5 story and basement, 80 x 140 ft., brick or concrete, 46th St. $150,000. Owner's name withheld.

Calif., Los Angeles—BANK and OFFICE—Security Trust & Savings Bank, 502 South Spring St., having plans prepared by Parkinson & Parkinson, Title Insurance Bldg., 12 story, on 150 x 230 ft. site, 7th St. and Grand Ave.

Calif., Los Angeles—BANK and OFFICE—R. L. Kent, 239½ South Brand Blvd., having preliminary plans prepared by Walker & Eisen, 756 South Spring St., 8 story and basement, 50 x 120 ft., Brand Blvd.

Calif., Los Angeles—BANK and OFFICE—Warehouse Realty Co., 108 West Bway., Glendale, having plans prepared by Dodd & Richards, Brack-Shops Bldg., 6 story and basement, 50 x 150 ft., Class "A," Brand and Bway. Sts.

Calif., Los Angeles — BATH HOUSE — W. G. English, Chapman Bldg., had plans prepared by A. Hesse, Union Oil Bldg., 2 story and basement, 135 x 213 ft., brick, Gordon St. and Sunset Blvd.

Calif., Los Angeles—CLUB HOUSE, etc.—California Club, S. M. Haskins, pres., 453 South Hill St., having preliminary plans prepared by R. D. Farquhar, Security Bldg., 10 to 12 story, on 180 x 330 ft. site, Hope St. Noted Mar. 18.

Calif., Los Angeles — HOTEL, etc. — T. Coskey, et al, having plans prepared by A. LeBrun Co., 5401 Hollywood Bldg., 5 story, brick, incl. plunge and club rooms, Loma Dr. $150,000 or more.

Calif., Los Angeles — STORE and OFFICE—W. W. Paden, et al, Hollingsworth Bldg., having plans prepared by L. L. Smith, City Club Bldg., 12 story and basement, 60 x 170 ft., rein.-con., Olive St.

Calif., Los Angeles—THEATRE—H. L. Gumbiner, 402 Hellman Bank Bldg., having sketches made by S. C. Lee, 530 Pet. Sec. Bldg., probably 3 story, 50 x 150 ft., rein.-con., 8th St. and Bway. $250,000.

Calif., Oakland — APARTMENT — M. Roden, c/o W. Lewis, archt., 525 Market

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Buildings—Commercial (Continued)

St., San Francisco, having plans prepared 3 story and basement, brick and timber facing Lake Merritt. $150,000.

Calif., Oakland — STORE — Whitehorn & Swan, 1103 Washington St., plans 3 story, rein.-con. addition, Washington St. $200,000. W. Knowles, Hearst Bldg., San Francisco, archt.

Calif., Sacramento — STORE — Eastern Outfitting Co., 1017 Market St., San Francisco, had plans prepared by Starks & Flanders, Ochsner Bldg., Sacramento, 2 story, rein.-con., J St. $150,000. Noted Feb. 4.

Calif., San Francisco — APARTMENT — C. F. Low, c/o Farr & Ward, archts., 68 Post St., had plans prepared 5 story and basement, concrete and steel, Powell and Washington Sts. $150,000.

Calif., San Francisco—APARTMENT—Stock, Maas & Sauer, 251 Kearny St., had plans prepared by J. C. Hladik, Monadnock Bldg., 4 story and basement, brick, Clay St. near Van Ness Ave. $150,000.

Calif., San Francisco—STORE—H. Seigler, 110 Sutter St., having plans prepared by S. Heiman, 57 Post St., 30 stores, 1 story, rein.-con., Sloat Blvd. $175,000.

Calif., Santa Monica — BANK, STORE and OFFICE—Mutual Shares Properties, Inc., 221 Santa Monica Blvd., having plans prepared by J. M. Cooper, Rives-Strong Bldg., Los Angeles, 12 story and basement, 100 x 150 ft., rein.-con., 3rd St. $750,000.

Que., Montreal—OFFICE—I. M. Pangman, 670 Sherbrooke St. W., soon takes bids 11 story, 75 x 147 ft. rein.-con. and steel, Catherine and Stanley Sts., for St. Catherine-Stanley Realty Corp.

Que., Three Rivers—OFFICE—Canadian International Paper Co., had plans prepared rein.-con., brick and steel office building. Asselin & Denoncourt, Three Rivers, archts. $200,000.

B. C., Vancouver — HOSPITAL — Vancouver General Hospital Bd., General Hospital, plans hospital addition. $500,000. Engineer and architect not selected.

Man., Winnipeg — HOSPITAL — St. Josephs Hospital, Pritchard and Salter Sts., having plans prepared by E. Parkinson, 601 Commercial Bldg., 3 story and basement, 44 x 104 ft., rein.-con. and brick, Pritchard and Salter Sts. $170,000.

Alta., Edmonton—HOTEL—R. A. Noble, Royal George Hotel, soon takes bids hotel. $250,000.

Bids Desired

Me., Portland—APARTMENT—See "Contracts Awarded."

N. H., Rochester—STORE, OFFICE and APARTMENT—Rochester Realty Co., c/o Dow, Harlow & Kimball, archts., 184 Boylston St., Boston, Mass., taking bids 3 story and basement, rein.-con., brick, limestone, incl. power plant, Hanson, Wakefield and Autumn Sts., here. To exceed $150,000.

Mass., Bridgewater—THEATRE—A. A. Glick, 53 Broad St., taking bids 1 story and basement, rein.-con., brick and steel theatre. $150,000. G. N. Jacobs, 4 Park St., Boston, archt.

Mass., Chicopee—STORE, THEATRE and OFFICE—R. L. Choiffetz, 510 Main St., Springfield, taking bids 2 story and basement, 95 x 135 ft., rein.-con., brick and steel theatre, store and office building. $175,000. J. A. Tuck, Park Sq. Bldg., Boston, archt.

Mass., Danvers—OFFICE and STORE—See "Contracts Awarded."

Mass., Lynn — BANK — Commonwealth Savings Bank, 345 Union St., E. L. Boyer, pres., taking bids 2 story and basement, 40 x 100 ft., rein.-con., brick and steel, plain foundation, 500 Washington St. $150,000. G. A. Cornet, 10 Central Ave., archt. Noted Apr. 8.

N. Y., Central Islip—HOSPITAL, etc.—May 19, by State Hospital Comn., Albany, constructing Group H, dining room, tile floors, etc., at Central Islip State Hospital, here; adv. E. N.-R. May 6.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., Rochester — WAREHOUSE and STORAGE—B. F. Kelly, archt., 841 Ellicott Sq., Buffalo, taking bids 5 story and basement, rein.-con. and brick, plain foundation, 72 Clinton Ave., for F. E. West, 722 South Clinton Ave. $150,000.

N. Y., Yonkers—BATH HOUSE—May 19, at office Westchester County Park Comrs., 72 West Pondfield Rd., Bronxville, bath house at Tibbetts Brook Park, here. J. Downer, ch. engr.; adv. E. N.-R. May 6.

Pa., Lansdowne—STORE and OFFICE—May 10, by W. H. Lee, archt., Schaff Bldg., Phila., 1 story and basement, 90 x 220 ft., rein.-con., brick and steel, plain foundation, Lansdowne Ave. and Baltimore Pike, for P. Harrison, Brynmawr. $200,000.

Pa., Phila.—APARTMENTS—See "Contracts Awarded."

Pa., Phila. — CITY HALL — May 19, by G. H. Biles, dir. Pub. Wks., City Hall, 15 story, basement and sub-basement, 100 x 246 ft., steel, limestone and granite annex, Juniper, Filbert, 13th and Commerce Sts., $3,100,000, or alternate 100 x 171 ft., granite, limestone and brick annex, $2,000,000. P. H. Johnson, Widener Bldg., archt. Noted July 10, 1924.

Pa., Phila.—SALES—May 10, by L. P. Kimball, engr. Buildings of Baltimore & Ohio R.R. Co., Baltimore, Md., 2 story, 114 x 1,026 ft., rein.-con. auction sales building, Delaware Ave. and Jackson St., here, for Baltimore & Ohio R.R. Co., H. A. Lane, ch. engr., Baltimore, Md., and Reading Co., T. S. Wagner, ch. engr., Reading Terminal Bldg.

Pa., Williamsport—GARAGE—May 15, by Williamsport Buick Co., 405-11 West 3rd St., 3 story and basement, 116 x 149 ft., rein.-con., brick and steel, West 3rd St. $150,000.

La., New Orleans—HOSPITAL—May 17, by Andre & Feitel, archts., Carondelet Bldg., 2 story addition to Soniat Mercy Hospital, Annunciation St. between Thalia and Melpome Sts. $225,000. Noted Apr. 29.

O., Cleveland—POLICE STATION and GARAGE—May 7, by City, W. R. Hopkins, mgr., 1 and 3 story, 80 x 85 x 120 ft., brick, steel and concrete, East 35th St. $150,000. H. Kregelius, 604 City Hall, archt. Noted Mar. 11.

O., Cleveland—THEATRES—Playhouse Foundation, c/o C. S. Brooks, pres., 729 Cedar Ave., taking bids 1 and 3 story, 125 x 150 ft., brick, steel and concrete, East 86th St. $200,000. P. L. Small & C. B. Rowley, 1836 Euclid Ave., archts.

Ind., Gary—WAREHOUSE—Gary Heat, Light & Water Co., taking bids 3 story, 125 x 125 ft., brick, steel and rein.-con. warehouse. $200,000. G. W. Maher & Son, 157 East Erie St., Chicago, Ill., archts.

Ind., Indianapolis—WAREHOUSE—Terminal Warehouse Co., A. Metzger, pres., Georgia and Penn Sts., taking bids 1 story, brick and rein.-con. warehouse. $300,000. Rubush & Hunter, 430 Amer. Central Life Bldg., archts.

Mich., Mason—JAIL, etc.—May 14, by Bowd & Munson, 409 Wilson Bldg., Lansing, 3 story and basement, rein.-con., brick and steel, jail and residence, plain foundation, here, for Ingham Co. $150,000.

Wis., Rhinelander — HOTEL — Oppenhamer & Obel, archts., Nicollet Bldg., Green Bay, taking bids 3 story and basement, 62 x 103 ft., brick and concrete addition, here, for C. E. Blodgett, Central Ave., Marshfield. $150,000. Noted Apr. 29.

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Tex., Dallas — APARTMENT — A. F. Korn, Jr., archt., 816 Thomas Bldg., Dallas, taking bids 3 story 80 x 120 ft., brick, Gaston and Washington Sts., for D. L. Biddison, c/o architect. $155,000.

Tex., Kerrville—HOTEL—See "Contracts Awarded."

Okla., Okemah—COURT HOUSE—May 15, by J. R. Day, clk. Okfusgee Co., 4 story and basement, 70 x 90 ft., rein.-con. and brick, plain foundation, Atlanta St. $150,000. Layton, Hicks & Forsythe, Baniff Bldg., Oklahoma City, archts. Noted July 7.

Calif., Los Angeles—MERCANTILE—Ralpho Grocery Co., 926 West 7th St., taking bids 2 story, 150 x 200 ft., mercantile building, 7th Ave. and Washington St. $150,000. Morgan, Walls & Clements, 1135 Van Nuys Bldg., archts.

Calif., San Fernando — BANK, STORE, OFFICE and HOTEL—Bank of San Fernando taking bids 2 and 3 story, 100 x 100 ft., Porter Ave. and Brand Blvd. $150,000. Walker & Eisen, 701 Great Republic Life Bldg., Los Angeles, archts. Noted Dec. 17.

Calif., Santa Monica—CLUB and STORE—C. H. Russell Co., archts., Story Bldg., Los Angeles, taking bids 5 story and basement, 81 x 200 ft., rein.-con. and brick, Main St. and Pier Ave., for B. P. O. E., Santa Monica Lodge. $250,000 or more. Noted Dec. 17.

Bids Received

N. J., Cape May — COURTHOUSE — Bd. Freeholders Cape May Co., Apr. 21, 1 and 2 story and basement, 43 x 142 ft., 50 x 103 ft. and 48 x 103 ft., brick and steel, plain foundation, from Bennett & McLaughlin Co., 3260 Ludlow St., Phila., Pa., $152,640. Noted Apr. 15.

Wis., Winnebago—HOSPITAL—State Bd. Control, A. W. Bagley, secy., State Capitol, Madison, general contract 2 rein.-con., brick and steel buildings, plain foundation, from Appleton Constr. Co., I. O. O. F. Bldg., Appleton $123,254. Noted Apr. 29.

Tex., San Antonio — COURTHOUSE — Phelps & DeWees, engrs. and archts., Gunter Bldg., and E. I. Jackson & G. Willis, archts., c/o Builders Exch. Bldg., remodeling 5 story and basement, 90 x 160 ft., rein.-con., brick, tile and stone annex, plain foundation, Main Plaza, from C. S. Schoenfeld, 324 Hunstock Ave., for Bexar Co. Noted Apr. 1.

Contracts Awarded

Me., Portland — APARTMENT — S. Oscher, 30 Water St., will build 4 story and basement, 70 apartments, brick and stone, Congress St., by day labor. To exceed $200,000. W. W. Rhodes, 574 Congress St., archt.

Mass., Boston — APARTMENT — The Madison, Inc., 763 Massachusetts Ave., Cambridge, 10 story and basement, 50 x 150 ft., brick, limestone, and steel, plain foundation, 172-174 Beacon St., here, to M. W. Ryan, 763 Massachusetts Ave., Cambridge. Archts. est. $750,000.

Mass., Danvers—OFFICE and STORE—N. Eisenberg, 40 Cottage St., Chelsea, will build 2 story and basement, 133 x 135 ft., brick and stone, plain foundation, Elm and High Sts. Work will be done by separate contracts. $200,000. S. S. Eisenberg, 46 Cornhill, Boston, archt.

Mass., East Walpole—STORAGE—Bird & Son, Inc., 3 story and basement, 75 x 260 ft., rein.-con., brick and steel, plain foundation, to J. Gascoigne & Co., Inc., 6 Beacon St., Boston. Archts. est. $150,000.

Conn., Bristol — WAREHOUSE — E. Ingraham Co., 392 Main St., 5 story, 80 x 125 ft., rein.-con., brick and steel, plain foundation, to Torrington Building Co., 182 Church St., Torrington. Archts. est. $200,000. Noted Apr. 15.

Conn., Manchester — TEMPLE—Masonic Building Assn., 2 story and basement, brick and steel, East Center St., to Manchester Constr. Co., 875 Main St. Archts. est. $150,000.

Conn., New Haven—BANK—G. Franco & Sons, 127 Columbus Ave., 4 story, 62 x 65 ft., brick and steel, to Sola & Bounpane, 209 Clay Ave. Archts. est. $150,000. Noted Apr. 1.

Conn., New London—APARTMENT and STORE—C. E. Schall, 849 Pequot Ave., will build 2 story, brick and steel, Montauk Ave. $150,000. Work will be done by separate contracts. Bilderbeck & Langdon, State St., archts. Noted Feb. 4.

N. Y., Lockport—Y. M. C. A., 19 East Ave., 196 x 200 ft., brick, steel and stone, plain foundation, to Laur & Mack, Niagara Falls. Archts. est. $500,000. Noted Apr. 8.

N. Y., New York—APARTMENT—Billig Constr. Corp., c/o C. Kreymborg & Son, engrs. and archts., 2534 Marion Ave., will build 6 story, brick, steel and stone, plain foundation, 169th and Shakespeare Sts., by day labor. $255,000.

N. J., Cape May C. H.—COURTHOUSE—Cape May Co., 2 story and basement, 48 x 103 ft., 1 story and basement each 50 x 103 ft., and 48 x 103 ft., brick and steel, to Bennett M. Laughlin Co., 3260 Ludlow St., Phila., Pa., $152,640. Noted Apr. 15.

N. J., Salem—BANK—T. E. Ash, archt., 1012 Walnut St., Phila., Pa., 1 and 3 story and basement, 50 x 100 ft., rein.-con. and stone, plain foundation, here, to H. J. Dodge, 223 Broad St., Elmer, for Salem Natl. Bank & Trust Co. Archts. est. $150,000. Noted Apr. 1.

Pa., Allentown—HOTEL—Lehigh Hotel Corp., c/o Kaeppel & Kester, 6th and Linden Sts., Lehigh Hotel, 9 story and basement, 98 x 145 ft., rein.-con., brick and steel, plain foundation, to Consolidated Eng. Co., Franklin and St. Paul Sts., Baltimore, Md. Archts. est. $800,000. Former contract rescinded. Noted Dec. 10.

Pa., Allentown—HOTEL—Lehigh Hotel Co., c/o W. H. Lee, archts., 1505 Race St., Phila., 10 story and basement, 65 x 145 ft., brick and steel, plain foundation to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md., $400,000.

Pa., Huntington — BANK — First Natl. Bank, general contract 2 story and basement bank building, to J. W. Wickersham, Lancaster. Archts. est. $150,000.

Pa., Latrobe — BANK — Peoples Natl. Bank, general contract 2 story and basement, 50 x 100 ft. bank, to W. J. Stevens, Inc., Wyncotte (near Phila.) Archts. est. $150,000.

Buildings—Commercial (Continued)

Pa., Phila.—APARTMENTS—S. Elgart, 4713 Chester Ave., will build 4 story and basement, 110 x 111 ft. apartment, 48th and Osage Sts., $300,000, also 4 or 8 story and basement, 100 x 160 ft. apartment, Pine St. between 44th and 45th Sts., both brick and steel, plain foundations. Work will be done by separate contracts. Private plans.

Pa., Phila. — EXHIBITION — Swedish Amer. Sesquicentennial Assn., 1103 Walnut St., John Morton Memorial, 2 story and basement, 44 x 150 ft., and 18 x 31 ft., brick, steel and stucco, plain foundation, League Island Park, to G. W. Wagoner, 909 South 25th St. Archts. est. $150,000.

Pa., Phila.—STORE—L. B. Rothschild, archt., 211 South Broad St., 2 story and basement, 76 x 156 ft., rein.-con., brick and steel, plain foundation, 16th and Market Sts., to Wark Co., 1600 Walnut St., for Heyman Bros., 215 Broad St. Archts. est. $250,000. Noted Apr. 15.

Pa., Upper Darby (br. Phila.) — CLUB HOUSE — Lulu Bemple Country Club, c/o P. H. Johnson, archt., Widener Bldg., Phila., 2.5 story and basement, 79 x 168 ft., steel and stucco, plain foundation, Limekiln Pike, to H. J. Wehmeyer, 509 West Cumberland St., Phila. Archts. est. $150,000.

N. C., Raleigh—HOTEL—State Hotel Co., 8 stor[ies] and basement, 140 room, brick, limest[one] terra cotta and steel, Dawson St., to [New] York, Citizens Bank Bldg., Raleigh. Archts. est. $500,000. Noted Apr. 8

Fla., Orlando—COURT HOUSE—Orange Co. [story], 98 x 212 ft. courthouse, Main St [A. Bentley & Sons Constr. Co., ville, $525,000.

[Fla.], Sarasota—HOTEL and RESTAURANT—H. Task, St. Petersburg, and New York City, hotel and restaurant, adjoining Mira Mar, here, to Northern Constr. Co., Sarasota, $150,000.

Ala., Anniston—BANK, STORE and OFFICE—L. B. Liles, et al, 10 story, 75 x 100 ft., rein.-con. and steel, to A. J. Krebs, Walton Bldg., Atlanta, Ga., $350,000. Noted Mar. 25.

O., Akron—HOTEL—Noah & Frank, associated archts., Akron, Apr. 23, addition to Portage Hotel, Main and Market Sts., to H. P. Moran Constr. Co., Terminal Bldg., for Portage Hotels Co. $188,500. Noted Mar. 25.

O., Cleveland — AUDITORIUM, STORE and OFFICE—Shoeenian Workmans Home Co., 15322 Waterloo Rd., 2 story and basement, 65 x 150 ft., brick, Waterloo Rd., to Sattkovich Bros., 6411 St. Clair Ave. Archts. est. $150,000.

O., Cleveland—SALES and SERVICE—Studebaker Corp. of America, E. R. Parker, sales mgr., 2000 Euclid Ave., 1 story and basement, 105 x 194 ft., brick and rein.-con., West 17th St., to P. Kirschner Co., 2914 East 75th St. Archts. est. $150,000. Noted Mar. 18.

O., Mansfield—HOTEL—Richland Hotel Co., c/o W. B. Marlin, chn. building com., 7 story and basement, 90 x 130 ft., brick, steel and concrete, to Van Blarcom Co., Natl. City Bldg., Cleveland. Archts. est. $600,000. Noted Mar. 25.

O., Salem — LODGE — Elks Home Co., brick and stone, McKinley Ave. east of Vine St., to Boldt Constr. Co., Salem, $152,000. Noted Feb. 18.

O., Warren — COMMERCIAL and APARTMENT — J. A. Reeves, 1201 Mahoning Ave., 6 story and basement, 44 x 170 ft., brick and steel, to J. Buchert & Sons, 100 East Rayen St., Youngstown. Archts. est. $250,000.

Ind., Indianapolis—CHEMICAL LABORATORY — Swan-Myers Co., 219 North Senate St., general contract 4 story and basement, 66 x 128 ft. chemical laboratory, to J. G. Karstedt Co., 2430 North Delaware St. Archts. est. $150,000. Noted Apr. 22.

Mich., Detroit—THEATRE—Le Win Development Co., 1002 Hoffman Bldg., 2 and 3 story and basement, rein.-con., brick and steel, plain foundation, Linwood Ave., to H. G. Christman Co., 315 Stevens Bldg. Archts. est. $700,000.

Mich., Ludington — THEATRE — Fitzpatrick & Hawley, 3 story and basement, 55 x 165 ft., rein.-con. and brick, to Foltz & Co., 510 North Dearborn St., Chicago, Ill. Archts. est. $150,000.

Mich., Saginaw—HOSPITAL—St. Marys Hospital, Saginaw, general contract 6 story and basement, 100 x 100 ft., rein.-con., brick and steel, to Hutter Constr. Co., Fond du Lac, Wis. Archts. est. $350,000.

Ill., Chicago — STORE, OFFICE and APARTMENT—G. F. Nord, 2926 East 79th St., masonry contract 4 story, 87 x 132 ft., fireproof, 79th and Escanaba Aves., to A. and E. Anderson, 19 South La Salle St. Archts. est. $175,000.

Ill., Chicago — THEATRE, STORE and OFFICE — E. P. Steinberg, archt., 360 North Michigan Ave., masonry and carpentry contract 3 story and basement, 175 x 180 ft., rein.-con., brick, steel and terra cotta, wood pile foundation, Cicero and Belmont Sts., to J. A. Lundstrum & Co., 1107 Addison St., for Lubliner & Trinz, 307 North Michigan Ave. (a subsidiary of Balaban & Katz Corp., 175 North State St.) Archts. est. $600,000. Noted Oct. 1.

Wis., Hudson—HOTEL—Hudson Hotel Co., L. N. Brooker, pres., 2 story and basement, 110x118 ft., rein.-con., brick and steel, plain foundation, to MacDonald Builders Co., Builders Exch., Minneapolis, Minn. Noted Jan. 28.

Wis., Richland Center—HOTEL—Park Hotel, C. A. Hoachim, proprietor, 4 story and basement, 60x150 ft., rein.-con., brick and steel, plain foundation, to F. J. Kolman, Richland Center. Noted Mar. 11.

Neb., Omaha — THEATRE and RESTAURANT — M. B. Griffin, 1107 1st Natl. Bank Bldg., general contract 1 story, 132 x 167 ft. theatre, and 1 story, 40 x 100 ft. restaurant, both brick, stone, marble, terra cotta and rein.-con., 20th and Farnam Sts., to Seldon-Breck Constr. Co., 205 Arthur Bldg.

Mo., St. Louis—APARTMENT—Wagner-Grant-Bell Realty Co., International Life Bldg., will build 14 story and basement, 125 x 125 ft., rein.-con., brick, stone and terra cotta, Skinker and Rosebury Sts. $1,000,000. Work will be done by separate contracts under supervision P. J. Bradshaw, archt., International Life Bldg. Noted Aug. 20, 1925.

Tex., Kerrville—HOTEL—R. L. Burney, 928 North Flores St., San Antonio, will build 5 story and basement, rein.-con., brick and stone, plain foundation. Work will be done by separate contracts. $200,000. Private plans. Noted Mar. 4.

Calif., Anaheim—HOTEL and STAGE DEPOT—Pickwick Stage Corp., 2 story, brick, Chestnut St., to Wilson & Bever, Anaheim, $150,250.

Calif., Los Angeles—HOSPITAL—Good Samaritan Hospital, 1243 Wilshire Blvd., 10 story and basement, rein.-con., Shatto St., to Scofield Eng. Co., 1100 Pacific Finance Bldg., approximately $1,215,000. Noted Sept. 10.

Calif., Los Angeles—STORE and LOFT—M. R. Gray Co., c/o Morgan, Walls & Clements, Van Nuys Bldg., 5 story and basemen,t 65 x 130 ft., rein.-con., South Los Angeles St., to J. M. Cooper, Rives-Strong Bldg., $150,000. Noted Mar. 25.

Calif., Marysville—NATATORIUM—City Trustees, general contract concrete natatorium, to H. W. Robertson, 2633 6th Ave., Sacramento, $36,965. Noted Mar. 18 under "Unclassified."

Calif., Marysville—STORE and OFFICE—Hart Bros., 520 K St., Sacramento, 7 story, rein.-con., 4th St., to G. D. Hudnutt, 1915 S St., Sacramento, $155,000. Noted Oct. 29.

Calif., Oakland — WAREHOUSE and CARGO — Parr Terminal Co., 1 Drumm St., San Francisco, 1 story, concrete to Cahill Bros., Call Bldg., San Francisco, $150,000. Noted Apr. 22.

Calif., Sacramento—STORE and OFFICE—L. E. Morris, 900 1st Natl. Bank Bldg., San Francisco, 3 story and basement, rein-con., North J. St., to Industrial Constr. Co., 815 Bryant St., San Francisco, approximately $260,000.

Calif., San Diego — THEATRE, STORE, LOFT and OFFICE—Kass & Rubin, Bank of Italy Bldg., Los Angeles, 8 story, 40 x 100 ft., steel frame and 2 story, 100 x 160 ft., brick C St., to Edwards, Wildey & Dixon, Edwards-Wildey Bldg., Los Angeles, cost plus percentage basis. Noted Jan. 28.

Calif., San Francisco — APARTMENT — C. F. Low, c/o Farr & Ward, archts., 68 Post St., 5 story and basement, concrete and steel, Powell and Washington Sts., to J. Del Favero & Co., 180 Jessie St., $153,250.

Calif., San Francisco—HOSPITAL—St. Marys Hospital, 5 story, rein.-con. annex, to Barrett & Hilp, 918 Harrison St., approximately $650,000. Noted Apr. 22.

Calif., Watsonville — HOTEL — Resetar Bros., 5 story and basement, 600 room, rein.-con., Lake and Main Sts., to A. Johnson Co., 74 New Montgomery St., San Francisco, $184,500. Noted Apr. 1.

Buildings—Industrial

Proposed Work

N. H., Rochester—POWER PLANT—See "Buildings—Commercial."

Mass., Charlestown (sta. Boston)—FACTORY — W. F. Schraff & Sons Corp., 160 Washington St., Boston, having preliminary sketches made by Lockwood, Greene & Co., 24 Federal St., Boston, 2 or more story, rein.-con. and brick addition, Sullivan Sq., here. $40,000 or more.

Conn., Norwalk — FACTORY — Clover Mfg. Co., Main St., having plans prepared by Davis & Dane, 1024 Main St., Bridgeport, 2 story, 40 x 85 ft., brick and steel addition, Main St. $40,000.

Conn., Wallingford—FACTORY—W. A. Ives Mfg. Co., Cherry St., plans rebuilding factory, Cherry St., recently destroyed by fire. To exceed $40,000. Engineer and architect not selected.

N. Y., Creedmoor (mail Floral Park) — LAUNDRY — State appropriated $150,000, constructing laundry at Creedmoor Div., Brooklyn State Hospital, here.

N. J., Riverton—MOTOR FACTORY—Motor Equipment Corp., 2216 Chestnut St., Phila., Pa., plans motor factory, here, $70,000. Engineer and architect not selected.

Pa., Phila.—FACTORY—C. E. Johnson Co., 10th and Lombard Sts., having plans prepared by E. G. Perrot, 1211 Arch St., 1 and 3 story and basement, 62 x 92 ft., stucco and steel, plain foundation, Swanson and Porter Sts.

Pa., Titusville—DAIRY PLANT—Titusville Dairy Products Co., having plans prepared by Brazeell & Anderson, 309 4th Ave., Pittsburgh, 1 and 2 story, 27 x 34 ft. and 38 x 60 ft., brick, hollow tile and steel plant. $40,000.

Pa., Wilkes-Barre—SILK MILL—Newark Silk Co., Inc., Paterson, N. J., having plans prepared by G. C. Jacobosky, consult. engr., Jacobosky Bldg., 2 story and part basement, 63 x 171 ft. silk mill, concrete, brick and steel, here.

N. C., Winston-Salem—CHAIR FACTORY—Winston-Salem Chair Co., plans factory, Claremont Ave. $150,000.

Fla., Sarasota — PIPE PLANT — Shearman Concrete Pipe Co., Burwell Bldg., Knoxville, Tenn., plans concrete pipe plant, here. $50,000.

Fla., Tampa—BAKERY—Tri-City Baking Co., 203 Franklin St. purchased site and plans bakery, West Shore Blvd. and Longfellow Ave., Sunset Park. $125,000.

Ala., Muscle Shoals—POWER PLANT, etc.—Mississippi Power Co., Gulfport, Miss. (subsidiary of Southeastern Power & Light Co., etc.), T. M. Martin, pres., B. M. Bldg., Birmingham, plans power plant and dam on Tennessee River at Alabama-Mississippi boundary line, near here, $20,000,000, also 693 main power transmission lines, etc.

Miss., Biloxi—COLD STORAGE WAREHOUSE — Commonwealth Utilities Corp., R. R. Guice, genl. mgr., acquired plant of Crystal Ice Co., etc., and plans cold storage warehouse on site of same.

La., Shreveport—FACTORY—O. D. West Mfg. Co. having plans prepared by C. W. King, 901 Giddons-Lane Bldg., 2 story, rein.-con. and brick, plain foundation. $72,000.

O., Canton—MILL ADDITIONS—United Alloy Steel Corp., 8th St. N. E., soon takes bids additions to shipping building, etc. $300,000.

Ill., Chicago—MILK DEPOT—I. J. Mix Co., 361 East 30th St., having plans prepared by F. J. Teitch, 64 West Randolph St., and takes bids about June 20, 3 story and basement, 95 x 175 ft., rein.-con., brick, tile and terra cotta, 31st St. and South Park Ave. $600,000.

Ill., Robinson — OIL REFINERY — Lincoln Oil Refining Co. purchased 114 acre site adjoining present refinery and plans new buildings, 5,000 bbl. capacity. $2,500,000. J. B. Dwod, assistant supt.

Wis., Appleton—SHOP—Appleton Iron & Brass Co., A. Wiese, mgr., 1704 East John St., having plans prepared 1 story, 60 x 100 ft., rein.-con., brick and steel, plain foundation. $40,000. Private plans.

Wis., Sheboygan — FACTORY — Inland Furniture Co., T. Dieckmann, mgr., 11th and Kentucky Sts., plans rebuilding rein.-con., brick and steel factory, recently destroyed by fire. $400,000. Engineer and architect not selected.

Wis., Sheboygan—FACTORY—E. June, archt., Security Bank Bldg., making plans 2 story, 94 x 300 ft., rein.-con., brick and

Buildings—Industrial (Continued)

steel, plain foundation. $250,000. Owner's name withheld.

Kan., Kansas City — NEWSPAPER PLANT—C. E. Keyser, archt., 609 Minnesota Ave., soon lets contract 3 story and basement, 64 x 150 ft., rein.-con., brick and stone, 8th and Armstrong Sts., for Kansas City Kansan. $100,000.

Tex., Abilene — COTTON MILL, etc. — Abilene Cotton Oil Co., soon takes bids cotton mill incl. steam electric power plant, etc., brick, rein.-con. and steel. $250,000. Private plans.

Tex., Crosbyton — ICE PLANT — O. H. Hammer, Chillicothe, plans 1 story, 25 x 125 ft. brick ice plant, 15 ton capacity, here. $40,000.

Tex., Lufkin—LUMBER or SAWMILL—Bounton Lumber Co., plans sawmill in northwestern part of city. $40,000. Private plans.

Okla., Oklahoma City—POWER PLANT—Oklahoma Gas & Electric Co., 112 North Bway., plans doubling capacity Horseshoe Lake generating plant, incl. 27,500 hp. generating unit, increasing present generating capacity to 115,869 hp.

Calif., Merced—CREAMERY and POWDERED MILK PLANT—Golden State Milk Products Co., 425 Battery St., San Francisco, plans rein.-con., on State Highway near R St. $100,000.

Calif., Oakland — OIL DISTRIBUTING PLANT—Julian Petroleum Corp., Pershing Square Bldg., Los Angeles, having plans prepared oil distributing plant,, Parr Terminal. $450,000. H. Merrill Co., 1 Drumm St., San Francisco, engrs. Noted Dec. 17.

Calif., San Francisco — BOTTLING PLANT—San Francisco Seltzer Water Co., 436 Green St., plans 1 or 2 story, 103 x 107 ft., rein.-con., Pacific and Cordelia Sts. $75,000.

Ont., Belleville—PLANT—Belleville Gas & Fuel Co. Ltd., plans low temperature carbonizing plant, 300,000 cu.ft. gas container, and extending distribution system. $200,000.

Ont., Kapuskasing—PAPER MILL and POWER PLANT—Spruce Falls Power & Paper Co., c/o J. H. Black, genl. mgr., having plans prepared paper mill, 500 ton capacity newsprint daily, and erecting and equipping electric power plant. $5,000,000. Private plans.

Que., Verdun—POWER SUB-STATION—Montreal Tramways Co., 78 Craig St., Montreal, soon takes bids power sub-station, here. $250,000.

Bids Desired

Mass., Malden (br. Boston)—FACTORY, GARAGE and SHOWROOM—See "Contracts Awarded."

Mass., Readville (Ind. sta. Boston) — REPAIR SHOP, etc. — New York, New Haven & Hartford R.R., E. Gagel, ch. engr., New Haven, Conn., taking bids 1 story locomotive repair shop, sand blasting and finishing shed, brick and steel, here. To exceed $40,000. A. F. Tuttle, Sonth Station, Boston, engr.

Mass., Springfield — MANUFACTURING and OFFICE — Westinghouse Electric & Mfg. Co., taking bids 2 story, 45 x 300 ft. main building, and other building 1 and 4 story, irregular, brick. $150,000 or more. B. H. Prock, 119 Federal St., Pittsburgh, Pa., archt.

Conn., New London — SHOP — Crown Sheet Metal Wks., 186 Bank St., taking bids 2 story, 50 x 100 ft., brick and steel, Bank St. $50,000. F. De Gange, 60 Ocean Ave., archt.

Pa., Clearfield—PLANING MILL—See "Contracts Awarded."

Pa., Williamsport — VALVE PACKING PLANT—May 15, by G. M. Busch, vice pres., and J. W. Cochran, secy., Williamsport Development Co., Bridge and Elmira Sts., 1 story and part basement, 80 x 100 ft., rein.-con. and brick, Rose St. $50,000.

Miss., Biloxi—ICE PLANT—See "Contracts Awarded."

Mich., Detroit — POWER HOUSE and LAUNDRY — May 10, by Secretary Bd. Health, 1300 Beaubien St., 2 story and basement, 92 x 113 ft., rein.-con., brick and steel, plain foundation, Hamilton Ave., for Herman Kiefer Hospital. A. Kahn, 1000 Marquette Bldg., archt.

Wis., Madison—DAIRY PLANT—Madison Dairy Products Co., A. Steinhauer, mgr., 418 East Main St., taking bids rein.-con., brick and steel dairy plant, Washington St. $40,000. H. C. Huart, 2533 Gregory St., archt.

Wis., Weyauwega—BOILER HOUSE—May 11, by R. M. Hanson, secy. Com. Wapaca Co., Scandanavia, 2 and 1 story, brick and concrete addition to laundry, also brick chimney, for Insane Asylum, here. $45,000. R. Cramer, 448 27th St., Milwaukee, engr.

Kan., Kansas City — FACTORY — See "Contracts Awarded."

Mo., Versailles—SHOE FACTORY—May 10, by L. Abt, archt., Moberly, 1 story and basement, 50 x 235 ft. shoe factory, steel, here, for Chamber of Commerce. $60,000.

Ont., Fort Frances—PULP and PAPER MILL—See "Contracts Awarded."

Contracts Awarded

Mass., Cambridge (Boston P. O.) — PRINTING PLANT—Athenium Press, Ginn & Co., 1st St., 6 story, 37 x 130 ft. and 62 x 70 ft., rein.-con. and brick addition, to Scully Co., 118 1st St. Archts. est. to exceed $40,000.

Mass., Cambridge (br. Boston)—REPAIR and SERVICE GARAGE — J. A. Carrig, 1374 Massachusetts Ave., 1 story, 100 x 170 ft., brick and steel, Greene St., to Askin & Sullivan, 580 Massachusetts Ave. Archts. est. $50,000.

Mass., Malden (br. Boston)—FACTORY, GARAGE and SHOWROOM — Northern Products Co., 79 Ferry St., will build 1 story, 50 x 105 ft., and 25 x 55 ft., brick and steel, Main St. $40,000. Work will be done by separate contracts. C. F. Springall, 50 Concord St., archt.

Mass., Norfolk Downs (sta. Boston)—FACTORY — Norfolk Iron Wks., 1 story, 65 x 150 ft., rein.-con., brick and steel, to Whidden-Beekman Co., 100 Boylston St., Boston. Archts. est. $40,000.

Mass., Roxbury (sta. Boston)—REPAIR and SERVICE GARAGE—C. A. Rova, c/o A. O. Bottomley, archt., 10 Tremont St., Boston, 1 story, rein.-con., 220-226 Blue Hill Ave., here, to P. Salvi, 31 Cutter Ave., Somerville. Archts. est. $50,000.

Mass., Somerville (br. Boston) — FACTORY—E. F. Kemp, Skelton Ave., 2 and 3 story, brick addition, to A. M. Pride, 155 Summer St. Archts. est. $40,000. Noted Apr. 15.

Conn., Meriden—POWER HOUSE, etc.—W. T. Arnold, archt., Crown Sq., constructing power house, to Immick Co., Meriden, $54,673; power plant and heating, to M. J. Daly, Waterbury, $36,673; and smoke stack, to Alphons Custodis Chimney Constr. Co., 95 Nassau St., New York City, $2,055. Grand total $93,255. Noted Apr. 22.

Conn., New Britain — INDUSTRIAL — Landers, Frary & Clark, Commercial and Center Sts., 6 story and basement, 60 x 260 ft., with 60 x 60 ft. wing, rein.-con., and 2 story bridge between above buildings, to Morton C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

N. J., Roselle (Ind. br. Elizabeth) — PLANT—Ballinger Co., archts., 12th and Chestnut Sts., Phila., Pa., 1 story, brick, steel and stone, plain foundation, here, to Barclay White Co., 1713 Sansom St., Phila., for Rapid Addressing Machine Co., 46 West 23rd St., New York City. Noted Apr. 22.

Pa., Clearfield—PLANING MILL—Gearhart Lumber Co. will build 2 story and basement, approximately 50 x 100 ft., brick and concrete planing mill, by day labor. $50,000. Work will be done by separate contracts. Private plans.

Fla., Uceta—REPAIR SHOP—Atlantic Coast Line R.R. Co., J. E. Willoughby, ch. engr., Wilmington, N. C., brick, steel and rein.-con. locomotive repair shop, plain foundation, here, to Dwight P. Robinson Co., Inc., 125 East 46th St., New York City, N. Y. Archts. est. $1,000,000.

Miss., Biloxi—ICE PLANT—Peoples Ice Co., L. Elder, genl. mgr., will build 1 story ice plant, concrete and brick, by day labor. $50,000.

O., Ashtabula—FACTORY—Amer. Fork & Hoe Co., S. Chapin, purch. agt., B. F. Keith Bldg., Cleveland, altering 3 story and basement, 40 x 140 ft., brick, to Rice-Jones Co., Union Bldg., Cleveland. Archts. est. $40,000.

O., Cleveland—LAUNDRY—Best Laundry Serv. Co., H. Brooks, vice pres., 7914 Platt Ave., 1 and 2 story, 60 x 140 ft., brick and steel, 7914 Kinsman Rd., to Boldt Constr. Co., 1969 East 71st St. Archts. est. $50,000.

O., Springfield—FACTORY—Mast Foos & Co., Main and Isabella Sts., 1 story, 100 x 210 ft., brick and steel, Isabella St., to T. A. Graham, Shaffer and North Sts., $40,000.

Mich., Detroit—PATTERN SHOP—Detroit Stove Wks., 6900 East Jefferson Ave., 1 story, rein.-con., brick and steel, top addition, to Walbridge Alldinger Co., 2356 Penobscot Bldg. Archts. est. $50,000. Noted Mar. 18.

Mich., Flint—FACTORY—AC Spark Plug Co., 1 story, 72 x 252 ft., rein.-con. addition, to W. E. Wood Co., Flint, $80,000.

Ill., Decatur — LOCOMOTIVE REPAIR SHOPS—Wabash R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., 1 story, 150 x 800 ft., 50 x 100 ft., and 100 x 100 ft., rein.-con. and brick, to Foundation Co., 120 Liberty St., New York City, N. Y. Engrs. est. $1,000,000.

Ill., Rockford — FACTORY — Mechanic Machine Co., 6 story, 80 x 140 ft., rein.-con. and steel, 9th Ave. and 18th St., to Security Building Co., 1016 Charles St. Archts. est. $175,000.

Wis., Kenosha—FOUNDRY—P. Frandsen (contractor), 1126 Sellick Ave., will build 1 story, 62 x 120 ft., brick and timber, plain foundation, Harry St. $40,000. Owner's name withheld.

Wis., Madison — PLANT — Pennsylvania Oil Co., 736 East Washington Ave., 1 story, rein.-con., brick and steel warehouse, plant

BRIDGE—PENNSYLVANIA AND NEW JERSEY

Bids were opened by Delaware River Bridge Joint Commission, Widener Bldg., Philadelphia, for grading, paving and other work for Camden Approach to bridge over Delaware River, 5th to 7th Sts., Contr. No. 27, (A) O'Neill Co., 23rd and Spring Garden Sts., (awarded contract); (B) Union Paving Co.; (C) Acchione & Canuso; (D) Mazzola & Marano; (E) R. & J. Lombardi, contractors, all Philadelphia; Municipal Paving Co., Philadelphia, $175,168; Michael Staub, Pitman, N. J., $182,504; Baton Construction Co., Philadelphia, $187,409. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
10,500 cu.yd. excavation	$0.95	$1.00	$1.50	$1.30	$2.00
50 cu.yd. concrete masonry, grade "C"	15.00	23.00	12.50	18.00	12.00
4,700 cu.yd. concrete base for roadway paving	8.40	8.75	8.50	9.25	12.90
475 sq.yd. granite block paving, not including concrete base	5.15	6.20	6.00	6.00	7.00
21,000 sq.yd. asphalt paving, not including concrete base	2.30	2.02	2.40	2.50	2.70
7,900 sq.yd. concrete sidewalk	2.22	2.25	2.00	2.75	3.50
3,900 sq.yd. cinder surfacing	0.30	0.50	0.20	0.25	0.75
3,050 lin.ft. 8-in. straight granite curbing	3.60	4.10	3.50	3.40	5.00
210 lin.ft. 10-in. straight granite curbing	4.50	6.00	5.80	5.40	8.00
1,230 lin.ft. 8-in. curved granite curbing	4.00	5.25	4.25	3.90	6.00
110 lin.ft. 10-in. curved granite curbing	4.90	8.75	9.00	8.40	11.00
1,200 lin.ft. 8-in. concrete curbing	1.83	1.35	1.00	1.20	2.75
75 lin.ft. resetting curbing	1.00	0.60	0.75	1.00	1.00
45 lin.ft. resetting iron fence	1.15	1.15	1.00	2.00	3.00
960 lin.ft. 12-in. diameter vitrified clay pipe	2.20	3.45	3.00	4.50	7.00
300 lin.ft. 15-in. diameter vitrified clay pipe	3.00	3.75	3.50	4.50	8.00
220 lin.ft. 18-in. diameter vitrified clay pipe	4.00	4.60	3.75	5.50	10.00
80 lin.ft. 24-in. diameter vitrified clay pipe	6.00	5.75	5.00	9.00	15.00
2 No. 2 brick and stone inlets	140.00	230.00	180.00	190.00	225.00
16 No. 3 brick and stone inlets	125.00	205.00	150.00	185.00	200.00
2 special grate top inlets	150.00	40.00	180.00	200.00	25.00
6 drain taps	25.00	60.00	110.00	150.00	25.00
2,300 sq.ft. ½-in. premoulded expansion joint filler	0.18	0.46	0.20	0.25	0.30
860 sq.ft. ½-in. premoulded expansion joint filler	0.12	0.35	0.15	0.20	0.25
5,500 sq.yd. sodding	0.62	1.00	1.70	0.65	2.00
10 sq.yd. relaying brick sidewalk	2.00	1.15	1.00	1.00	1.00
10 sq.yd. relaying flagstone sidewalk	2.00	1.15	1.00	1.00	3.00
1 cu.yd. brick masonry	25.00	23.00	27.00	20.00	35.00
Extended totals	$150,460	$157,760	$164,487	$171,507	$230,210

Buildings—Industrial (Continued)

and shop, to J. H. Findorff & Son, 601 West Wilson St. Archts. est. $40,000. Noted Mar. 25.

Wis., Milwaukee — FOUNDRY—Loeffelholz Co., 170 Clinton St., 1 story, 47 x 140 ft., brick and steel, plain foundation, to E. C. Knuth Co., 1331 28th St. Archts. est. $40,000. Noted Apr. 8.

Wis., Waukesha—FACTORY—Waukesha Motor Co., West St. Paul Ave., 1 story, 68 x 154 ft., brick and steel addition, plain foundation, to Wisconsin Bridge & Iron Co., North Milwaukee. Archts. est. $40,000.

Wis., Westby — PLANT — Westby Co-operative Dairy Co., H. Brendum, secy., 2 story, 66 x 88 ft., rein.-con., brick and steel, plain foundation, to P. Kramer, St. Charles, Minn. Archts. est. $40,000.

Wis., Milwaukee — LAUNDRY and POWER HOUUSE—See "Buildings—Educational, Religious."

Wis., Milwaukee—BAKERY—Natl. Baking Co., c/o Donaldson Baking Co., 391 East Moler St., Columbus, O., 3 story, 128 x 150 ft., brick and steel, plain foundation, Clybourn St., here, to H. Schmitt & Son, 14 Burleigh St., $153,115. Noted Apr. 29.

Wis., Racine—FACTORY—Modine Mfg. Co., 17th and Racine Sts., 1 story, 80 x 140 ft., and 110 x 170 ft., brick and steel addition, plain foundation, 17th St., to J. P. Welling, 811 Blaine Blvd. Archts. est. $50,000.

Wis., Two Rivers — PLANT — Hamilton Mfg. Co., 5 story, 120 x 130 ft., and 1 story, 120 x 150 ft., brick and steel, plain foundation, to Immel Constr. Co., Dana Bldg., Fond du Lac. Noted Mar. 25.

Kan., Kansas City—FACTORY—Armour & Co., Packers State Line, will build 1 story, 76 x 143 ft., rein.-con., brick and steel, by day labor. $100,000. Private plans.

N. D., Washburn — POWER PLANT — Ottertail Power Co., Fergus Falls, Minn., 12,000 hp. steam power plant, here, to Sioms, Helmers & Schaffner, Inc., 514 Guardian Life Bldg., St., Minn.

Mo., Kansas City — WAREHOUSE and BAKERY — Kansas City Warehouse & Bakery, general contract 3 story and basement, 104 x 187 ft., rein.-con. and brick warehouse and bakery, to S. Patti Constr. Co., 627 Lee Bldg. Archts. est. $170,000. Atlantic & Pacific Tea Co., lessee.

Calif., Los Angeles — COLD STORAGE PLANT—Hauser Packing Co., 2300 East 9th St., 2 story, 8 x 38 x 110 x 128 ft., rein.-con., East 9th St., to C. L. Peck, H. W. Hellman Bldg., $101,560.

Calif., Oakland—FACTORY—Independent Paper Box Co., 12th and Kirkham Sts., factory addition, 12th St., to J. H. Pedgrift, 4106 Bway. Archts. est. $40,000.

Calif., Vallejo — BAG MANUFACTURING PLANT—Sperry Flour Co., 141 California St., San Francisco, 2 story, rein.-con., to G. Wagner, 181 South Park St., San Francisco

Calif., Vernon — PACKING PLANT — Baldridge Packing Co., Inc., 3103 East Vernon Ave., Los Angeles, 2 story, 47 x 138 ft., brick, East Vernon Ave., here, to J. Allen, 1210 90th Pl., Los Angeles, to exceed $40,000.

Ont., Dundas — FACTORY — C. M. Doolittle Co., Queens St., 150 x 200 ft., rein.-con. and steel factory for manufacturing special road surface materials, to Provincial Contracting Co., Toronto. Engrs. est. $75,000.

Ont., Fort Frances—PULP and PAPER MILL — Backus-Brooks Co., 1100 Builders Exch., Minneapolis, Minn., will build 2 story and basement, 75 x 320 ft., rein.-con., brick and steel pulp and paper mill, by day labor. $1,500,000.

Buildings—Educational, Religious

Proposed Work

Me., Rumford—CHURCH and SCHOOL —St. Athanasius Parish, T. J. Mahoney, pastor, having sketches made by Rogers & Dion, 142 Berkley St., Boston, 1 and 2 story and basement, brick and stone, Maine Ave. $150,000.

Mass., Boston—CHURCH—St. Theresa's Church, c/o Maginnis & Walsh, archts., 100 Boylston St., having sketches made 1 story and basement, brick and stone, Center and Cottage Sts. $150,000 or more.

Mass., Boston—NURSES HOME—City, Hospital Dept., having plans prepared by Ritchie, Parsons & Taylor, 15 Ashburton Pl., 5 story and basement, rein.-con. and brick, plain foundation, Harrison Ave. $290,000.

Mass., Brighton (sta. Boston)—SCHOOL —City, Schoolhouse Dept., Boston, takes bids after May 3, 1 story and basement, brick and stone, Washington St. and Corey Rd., here. $150,000-$200,000. Fay, Spofford & Thorndike, 200 Devonshire St., Boston, archts.

Mass., Cambridge (Boston P. O.)—BUSINESS—Harvard College, G. A. Giles, dir., having plans prepared by J. Purdon, 50 Congress St., Boston, brick, Massachusetts Ave. and Douglas St. $200,000 or more.

Mass., New Bedford — CHURCH and PARISH HOUSE — Trinitarian Church Home, 636 Purchase St., plans 1 and 2 story, brick steel and stone, Hawthorne St. $150,000. Engineer and architect not selected.

Mass., Northampton — SCHOOL — City, School Comn., having plans prepared by K. S. Putnam, 78 Main St., 2 story and basement, 65 x 100 ft., brick and stone, Bridge St. $150,000.

Mass., Salem — HIGH SCHOOL — City, School Bd., plans 2 story and basement addition, Highland Ave. $400,000.

Mass., Taunton—SCHOOL—City, Comn. Pub. Buildings, having plans prepared by G. W. Briggs, 88 Winthrop St., 2 story and basement, brick and stone, Barnum St. $150,000.

Mass., Waban (Ind. br. Boston) — CHURCH—Union Church Society, c/o F. A. Burton, archt., 240 Boylston St., Boston, having sketches made 2 story and basement, brick, Collins Rd., here. $150,000.

Mass., Webster — HIGH SCHOOL and OFFICE—Town, J. J. Love, chn. building commission, having plans prepared by M. A. Dyer, 1 Beacon St., Boston, 3 story and basement, rein.-con., brick, stone and steel, Negus and Church Sts. $700,000.

Conn., Winsted — SCHOOL — Town, S. Clifton, chn. Board, having plans prepared by W. E. Hunt, 182 Church St., Torrington, 2 story and basement, brick and steel school. $150,000.

Conn., New Haven — HIGH SCHOOL — City, Bd. Educ., having plans prepared by Brown & Von Buren, 185 Church St., 20 room high school, Grand Ave. $225,000.

N. Y., Hudson—CHURCH—St. Marys Roman Catholic Church, J. Keefe, pastor, soon takes bids 1 story, brick, steel and stone, plain foundation, Warren St. $200,-000. R. J. Reilly, 18 East 41st St., New York City, engr. and archt.

N. Y., Rochester — CHURCH and SUNDAY SCHOOL—Second Church of Christ Scientist, having plans prepared by Gordon & Kaelber, Hiram Sibley Bldg., 2 story and basement, brick and stone, Seneca Parkway. $200,000.

Pa., Wilkinsburg—SCHOOL—Bd. Educ., L. R. Hagan, having plans prepared by Alden & Harlow, Farmers Bank Bldg., Pittsburgh, 2 story and basement grade school. $200,000.

Del., Wilmington—SCHOOL and AUDITORIUM—Ursiline Nuns having plans prepared by P. A. Monaghan, 1713 Sansom Pl., 2½ story and basement, 114 x 198 ft., steel and brick, plain foundation, Penna Ave. and Franklin St.

N. C., Durham—CHURCH—First Baptist Church soon takes bids new church. $250,000. Address B. W. Rogers, chn. finance com.

N. C., High Point — CHURCH — First Presbyterian Church, C. P. Coble, pastor, having plans prepared new church, North Main St. $150,000.

N. C., Raleigh—SCHOOLS—Voted $1,-300,000 bonds, new schools. H. F. Srygley, supt. schools. Noted Apr. 1.

Fla., Pensacola — SCHOOLS — Escambia Co., election May 4, $800,000 bonds, schools.

Miss., Jackson—COLLEGE—State Legislature appropriated $500,000 for chapel, dormitory and gymnasium buildings at State College for Women. H. C. Whitfield, Jackson, gov.

Miss., Oxford—CHAPEL—State Legislature appropriated $150,000 for chapel, etc. for University of Mississippi. H. L. Whitfield, Jackson, gov.

La., Homer—SCHOOL—Bd. Educ. having preliminary plans prepared by E. F. Neild, City Natl. Bank, Shreveport, 2 story, 140 x 170 ft., rein.-con. and brick, plain foundation, here. $225,000.

O., Ashtabula — SCHOOL — St. Josephs Roman Catholic Church, M. O'Brien, pastor, having sketches made by McGarry & McGarry, Cook Bldg., 4614 Prospect Ave., Cleveland, 2 story and basement, 80 x 160 ft., brick, steel and concrete school. $150,-000.

O., Paris — SCHOOL — Village having plans prepared by C. J. Marr, New Philadelphia, and soon takes bids 2 story and basement school. $150,000.

Ind., Hammond—SCHOOL—Bd. School Trustees having plans prepared by M. Turner, Hammond, brick and steel school. $150,000.

Mich., Bay City — NURSES HOME — Mercy Hospital, 15th and Water Sts., having plans prepared by Van Leyen, Schilling & Keough, 3440 Cass Ave., Detroit, 2 story and basement, 108 x 130 ft., rein.-con., brick and steel, plain foundation, Water St. $150,000.

Ill., Lake Villa—HIGH SCHOOL—Community High School Dist. 124, having preliminary plans prepared 3 story, concrete, brick and stone high school. $150,000. Will not construct before spring 1927. P. Avery, pres.

Wis., Green Bay—HIGH SCHOOL Bd. Educ., I. H. McIntire, supt. schools, receiving competitive sketches 2 story and basement, brick, tile and concrete addition, plain foundation. $200,000. Engineer and architect not selected.

Wis., Kenosha — SYNAGOGUE — Y. M. H. A., c/o Armstrong & White, archts., Pub. Serv. Bldg., having plans prepared 2 story, 66 x 125 ft., brick, tile and concrete synagogue. $150,000.

Wis., Madison — SCHOOL — Bd. Educ., T. W. Gosling, supt., 22 West Dayton St., having plans prepared by E. Tough, Washington Bldg., 2 story 60 x 100 ft., rein.-con., brick and steel, plain foundation, Monroe and Western Sts. $150,000.

Wis., Racine—AUDITORIUM, etc.—L. M. Fowler, 1015 College Ave., having plans prepared by Armstrong & White, Pub. Serv. Bldg., Kenosha, 3 story, 152 x 250 ft., brick, concrete and steel auditorium and recreation building. $500,000.

Wis., Superior—CATHEDRAL—J. J. Pinten, bishop of Superior, having plans prepared by L. Preuss, 612 Laclede Gas Bldg., St. Louis, Mo., 1 story and basement, 80 x 200 ft., rein.-con. cathedral, plain foundation. $250,000. Widmer Eng. Co., 612 Laclede Gas Bldg., St. Louis, Mo., engrs.

Neb., Lincoln—CHURCH—First Presbyterian Congregation, 703 1st Natl. Bank Bldg., had plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., 3 story and basement, 20 x 40 ft., and 75 x 136 ft. brick and stone church. $200,000

Neb., Lincoln—SCHOOL—Bd. Educ., J. H. Ludlum, secy., having plans prepared by Davis & Wilson, 525 South 13th St., 2 story and basement, 65 x 150 ft., brick and stone grade school. $150,000.

Neb., Omaha—CHURCH—Central United Presbyterian Church, having plans prepared by C. W. Steinbaugh, 662 Brandeis Theatre Bldg., superstructure for church, 55th and Leavenworth Sts. Total $150,000.

Ark., Little Rock—CHURCH—Immanuel Baptist Congregation, c/o J. H. Estes, 719 Battery St., chn. building com., having preliminary plans prepared rebuilding 2 story and basement, concrete, brick and stone, 10th and Bishop Sts., recently destroyed by fire. $200,000.

Tex., Houston — CHURCH — Antioch Baptist Congregation, c/o Pastor, 318 Andrews St., having plans prepared by C. C. Balger Co., 402 Praetorian Bldg., Dallas, 3 or 4 story, 80 x 149 ft., rein.-con., brick and stone church. $150,000.

Tex., Houston—SCHOOL—Bd. Educ., H. L. Mills, bus. mgr., 1600 Washington Ave., having plans prepared by J. Finger, archt., 711 Keystone Bldg., and H. B. Payne, superv. archt., 1600 Washington St., 2 story, 15 room, rein.-con., brick and tile, plain foundation, Fullerton St. $150,000.

Tex., Texarkana—COLLEGE—Bd. Educ., having plans prepared by Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., Junior College, 2 story, 90 x 160 ft., rein.-con., brick and stone, plain foundation. $150,000.

Okla., Chickasha—CHURCH—First Presbyterian Church, had plans prepared by Sorey & Valberg, 718 Braniff Bldg., Oklahoma City, 2 story and basement, brick, plain foundation, 7th St. $150,000.

Colo., Greeley—GYMNASIUM—Colorado State Teachers College having plans prepared by W. N. Bowman, Insurance Bldg., Denver, 150 x 250 ft., brick and rein.-con. gymnasium. $250,000.

Colo., Greeley—HIGH SCHOOL—School Dist. having plans prepared by W. N. Bowman, Insurance Bldg., Denver, associated with S. G. Frazier, Greeley, 3 story, brick and rein.-con. high school. $300,000.

Wash., Seattle—SOCIAL CENTER, etc. —University of Washington having plans prepared by Bebb & Gould, Hoge Bldg., for social center and students union building, $1,000,000; and auditorium, 9,000 to 10,000 seating capacity, $500,000, both on campus.

Calif., Berkeley—CHURCH—First Congregational Church having plans prepared by H. G. Simpson, Call Bldg., San Francisco, (2nd and 3rd units) incl. parsonage, social hall, etc., Bancroft Way. $150,000.

Calif., Long Beach—HIGH SCHOOL, etc. —St. Anthony School and Roman Catholic Bishop of Los Angeles and San Diego having preliminary plans prepared by T. F. Power, 2615 West 7th St., Los Angeles,

Buildings—Educational, Religious (Cont.)

rein.-con. high school and auditorium, here. To exceed $150,000.

Calif., Pasadena — HIGH SCHOOL — Pasadena City School Dist., having plans prepared by F. Kennedy, Jr., 15 South El Molina St., fireproof, East Blanche St. To exceed $150,000.

Que., Three Rivers—SCHOOL—City having plans prepared by Asselin & Denonemet, Three Rivers, 3 story, 100 x 100 ft., rein.-con., brick and steel, St. Oliver St. $150,000.

Bids Desired

Mass., Cambridge (Boston P. O.) — CHAPEL and PARISH HOUSE—First Congregational Church, R. Calkins, pastor, 90 Berkeley St., taking bids 2 story and basement, 90 x 110 ft., brick and stone, plain foundation, Mason St. $150,000. W. H. McLean, 88 Tremont St., Boston, archt.

Mass., Gardner—HIGH SCHOOL—City, Bd. Educ., taking bids 2 story and basement, brick and stone high school, plain foundation. To exceed $150,000. Gilbert & Betelle, 20 Branford Pl., Newark, N. J., archts. Noted Oct. 22.

Mass., Groton—HIGH SCHOOL—Town, School Building Com., taking bids 2 story and basement, 150 x 360 ft., and 45 x 45 ft., brick and stone, plain foundation. $150,000. F. I. Cooper Corp., 172 Tremont St., Boston, archt.

Mass., Malden (Boston P. O.) — CONVENT and CHAPEL—Church of Immaculate Conception, H. Neagle, pastor, taking bids 2 story and basement, brick and stone, Pleasant St. To exceed $150,000. O'Connell & Shaw, 134 Newbury St., Boston, archts. J. P. Dwer, Jr., 80 Boylston St., Boston, engr. Noted Jan. 7.

Mass., Peabody—SCHOOL—City, Mayors Office, City Hall, taking bids 2 story and basement, brick and stone, plain foundation. $150,000. P. Varney, 25 Exchange St., Lynn, archt. Noted Apr. 8.

Conn., Bridgeport—SCHOOL—May 10 (extended date), by City, Bd. Educ., 2 story and basement, brick and steel addition, Boston Ave. and Huntington Rd. $175,000. E. G. Southey, 983 Broad St., archt. Noted Apr. 29.

Conn., Danbury—DORMITORY—May 19, by State Bd. Educ., 130 Washington St., Hartford, 3 story, 7,040 sq.ft. floor space, brick and steel dormitory, here. $200,000. O. C. S. Ziroli, 163 State St., Bridgeport, archt. Noted Apr. 22.

N. Y., New York—SCHOOL—May 13, by W. H. Gompert, archt. and supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, constructing addition to P. S. 101, East 111th St. through to East 112th St. east of Park Ave., here, for Bd. Educ., 500 Park Ave. Noted Jan. 7.

Pa., Glen Olden—SCHOOL—May 10, by P. F. Getz, archt., Victory Bldg., Phila., 2 story and basement, 86 x 155 ft., rein.-con., stone and steel, plain foundation, here, for St. Georges Parish, c/o G. E. Orr, pastor. $200,000.

Pa., Juniata (br. Altoona) — SUNDAY SCHOOL — June 2, by Juniata First Methodist Church, c/o W. W. Banks, pastor 520 6th Ave., (1st unit), 52 x 116 ft. rein.-con., brick and steel, 8th Ave. Total $150,000. J. C. Fulton & Son, Uniontown, archts.

Fla., Punta Gorda — HIGH SCHOOL — May 17, by Bd. Pub. Instruction, St. Petersburg, high school. Woolfort-Brow & Leitner, 606 Bruce-Smith Bldg., St. Petersburg, archts. $150,000.

O., Cleveland — CHURCH — Shaw-Hobbs Evangelical Church, J. L. Shaw, pastor, 4406 Muriel Ave., taking bids 1 story, 100 x 150 ft., brick, steel and concrete, Henninger Rd. $200,000. D. H. Farnam & R. E. Lawrence, The Arcade, archts.

O., Portsmouth—SCHOOL—May 21, by W. C. Hazelbeck, clk. Bd. Educ., 2 story and basement, brick and concrete, Campbell Ave. between 6th and 7th Sts. $200,000. Devoss & Donaldson, Portsmouth, archts.

Mich., Midland—SCHOOL—May 13, by B. H. Carter, secy. Bd. Educ., 2 story and basement, rein.-con., brick and steel school and gymnasium, plain foundation. $150,000. R. V. Gay, 11½ Clinton Ave., St. Johns, archt.

Wis., Milwaukee—SCHOOL—May 12, by Van Ryn & DeGelleke, archts., 114 Grand Ave., 2 story and basement, 63 x 250 ft. school with 60 x 100 ft. and 38 x 64 ft. wings, all brick, tile and concrete, plain foundation, Hartford Ave., for Milwaukee University School Dist., 560 Bway. $400,000.

Ia., Corning — SCHOOL — May 18 (extended date), by C. T. Marcer, secy. Bd. Educ., 2 and 3 story and basement, rein.-con., brick and stone school. $160,000. Thomas, McLennan & Thomas, 508 Old Colony Bldg., Des Moines, archts. Noted Aug. 27.

BRIDGE—CHICAGO, ILL.

Bids were opened by City for construction of substructure of double-leaf trunnion bascule bridge over Chicago River at North La Salle St., (A) Central Dredging Co., 307 North Michigan Ave., (awarded contract); (B) Fitz Simons & Connell Dredge & Dock Co., 10 South La Salle St.; (C) Great Lakes Dredge & Dock Co., 104 South Michigan Ave. The unit bids are as follows:

	A	B	C
Removing obstructions (lump sum)	$3,000.00	$16,000.00	$29,000.00
Miscellaneous work (lump sum)	5,000.00	13,500.00	37,600.00
Building office for engineers (lump sum)	2,500.00	2,500.00	2,100.00
Building cofferdams	225,000.00	225,000.00	298,000.00
4 test piles	600.00	150.00	250.00
5,400 cu.yd. excavation	4.00	3.50	5.00
100 cu.ft. removal of boulders	2.00	2.00	1.25
100 cu.yd. removal of solid stone	25.00	25.00	25.00
53,000 cu.ft. sub-piers	2.00	2.00	1.62
4,800 cu.yd portland cement concrete 1:3:5 Agg. No. 2	20.00	23.00	22.00
50 cu.yd portland cement concrete 1:2:4 Agg. No. 1	30.00	30.00	30.00
700 cu.yd. portland cement concrete 1:2:4 Agg. No. 1 or 2	30.00	25.00	30.00
430 cu.yd. portland cement mortar	30.00	30.00	28.00
720,000 lb. steel reinforcing material	.07	.07	.06
640,000 lb. pier trusses, trunnion supports, etc	.12	.10	.10
11,000 lb. miscellaneous metal materials	.15	.15	.12
1,400 lb. genuine wrought iron pipe	.25	.50	1.00
700 lb. cast iron manhole covers	.10	.30	.20
8 brass bell traps	25.00	25.00	30.00
80 carborundum safety treads	4.00	5.00	5.00
80 lin.ft. vitrified clay sewer pipe	5.00	5.00	10.00
11,110 lin.ft. oak piles delivered	.50	.35	.39
3,000 lin.ft. norway pine, cypress, piles delivered	.40	.30	.30
10,500 lin.ft. driving oak piles	.40	.30	.59
2,800 lin.ft. driving sundry piles	.40	.30	1.02
9,000 ft. B.M. creosoted oak timber	275.00	200.00	314.00
30,000 ft. B.M. untreated yellow pine timber	175.00	150.00	260.00
Cu.ft. concrete under air pressure	1.00	12.00	5.00
Cu.ft. removing limestone or bed rock	2.00		2.00
Extended totals	$649,585	$660,535	$759,931

Ia., Iowa City — FIELD HOUSE — May 27, by Proudfoot, Rawson & Souers, archts., 810 Hubbell Bldg., Des Moines, 4 story and basement, 216 x 425 ft., rein.-con., brick, steel and stone, West Campus, for Athletic Council of Iowa, State University, P. E. Belting, dir. $400,000. Noted Apr. 29.

Ia., Mechanicsville—SCHOOL—May 13, by Bd. Educ., H. Carville, secy., 3 story, rein.-con., brick and stone school. $150,000. W. J. Brown, 208-10 Bever Bldg., Cedar Rapids, archt. Noted Mar. 18.

Ia., Underwood—SCHOOL—May 25, by Bd. Educ., 2 story and basement, 58 x 100 ft., rein.-con., brick and stone school. $160,000. Anderson & Spooner, 512 Park Bldg., Council Bluffs, archts.

Ark., Fayetteville — AGRICULTURAL and ENGINEERING—May 12 (extended date), by University of Arkansas, J. C. Futrell, pres., 3 story, 58 x 256 ft., 88 x 116 ft., and 88 x 216 ft., rein.-con., brick, stone and terra cotta. Noted Apr. 8.

Tex., Amarillo—HOTEL—E. R. Mayer, 1601 Madison St., taking bids 4 story and basement, 90 x 120 ft., rein.-con., brick and stone, plain foundation. $150,000. E. F. Rittenberry, 303 Blackburn Bldg., archt.

Calif., Los Angeles—CHURCH—Roman Catholic Bishop of Los Angeles and San Diego, taking bids 3 story, 48 x 148 ft., brick and sandstone, 3rd St. and Wilton Pl., in St. Brendins Parish. $150,000. E. G. Martin, 520 Citizens Natl. Bank Bldg., archts.

Calif., Oakland—HIGH SCHOOL—May 25, by Bd. Educ., Woodrow Wilson Junior High School, fireproof, 48th St., for Oakland City School Dist. To exceed $200,000. W. J. Miller, 417 Market St., San Francisco, archt.

Que., Hull—SCHOOLS—L. Landres, secy. School Bd., taking bids Notre Dame and Wrightville schools. $200,000. Noted Mar. 4.

Bids Received

Mass., South Boston (Boston P. O.) — SCHOOL — City of Boston, Schoolhouse Dept., City Hall, Apr. 27, Shurtliff Dist. School, 2 story and basement, 75 x 115 ft., brick and stone, Vail and 9th Sts., here, from J. P. Foley & Sons, 80 Boylston St., Boston, $169,388. Noted Apr. 22.

N. J., Cliffside Park (mail Cliffside) — HIGH SCHOOL—Bd. Educ., Cliffside, general contract brick, steel and stone addition, Palisade Ave., here, from Coppoletta Bros., Cliffside Park, $227,000; ventilating, heating, etc., from G. B. and B. H. Steinke, $33,250. Noted Apr. 1.

N. J., Haddonfield—HIGH SCHOOL—Bd. Educ., B. M. Wilson, secy., Lincoln Ave. and Chestnut St., 2 story, balcony and basement, 167 x 211 ft., and 72 x 98 ft., brick and steel, Kings Highway E., from H. J. Herman Co., 18th and Cherry Sts., Phila., Pa., $374,430; heating, etc., from Mechanical Equipment Co., 214 South 12th St., Phila., Pa., $40,494. Noted Dec. 31.

Md., Baltimore—SCHOOL—Bd. Awards, 1 story and basement, 73 x 239 ft., brick and steel, plain foundation, Arlington St., West and Alto Aves., from North-Eastern Constr. Co., Lexington Bldg., for Mayor and Boro Council. $198,840. Noted Apr. 15.

La., Abbeville — HIGH SCHOOL — Vermillion Parish School Bd., Courthouse, 2 story, brick, high and grade school, from Caldwell Bros., Whitney Bldg., New Orleans, $164,000. Noted Apr. 8.

Ia., Des Moines—CHURCH—Dougher, Rich & Woodburn, archts. and engrs., 806 Valley Natl. Bank Bldg., Apr. 20, 3 story, 185 x 191 ft., rein.-con. and steel, plain foundation, from A. H. Neumann Co., Hubbell Bldg., for Plymouth Congregational Church. $396,859. Noted Apr. 8.

Contracts Awarded

Me., East Millinocket—HIGH SCHOOL—Town, School Comn., 2 story and basement, 60 x 150 ft., brick and stone, to C. T. Reynolds, Augusta. Archts. est. $160,000.

Mass., Belmont (Boston P. O.) — CHURCH — St. Lukes Roman Catholic Church, H. R. Splaine, pastor, 1 story, 85 x 145 ft., rein.-con. and granite, plain foundation, Lexington and Beech Sts., to J. J. Powers, 33 Mystic Ave., Cambridge. Archts. est. $150,000. Noted Apr. 1.

Mass., Framingham — CHURCH — First Baptist Church, 1 story and basement, stone and granite, Vernon St. and Edgell Rd., to T. J. McMahon, 460 Concord St. Archts. est. $150,000.

Mass., Somerville (br. Boston)—CHURCH—Bd. Trustees First Unitarian Church, 1 story and basement, brick and stone, plain foundation, Highland Ave., to Robbins & Smith, 4 College St. Archts. est. $150,000.

Mass., South Boston (Boston P. O.) — SCHOOL — City of Boston, Schoolhouse Dept., City Hall, Shurtleff Dist. School, 2 story and basement, 72 x 113 ft., brick and stone, Vail and 9th Sts., here, to J. P. Foley & Sons, 80 Boylston St., Boston, $169,388. Noted Apr. 29.

Mass., Waverly (br. Boston)—CHURCH—St. Luke's Parish, R. Splaine, pastor, 1 story and basement, 80 x 145 ft., brick and steel, Lexington St., to J. J. Powers Co., 33 Myrtle Ave., Cambridge. Archts. est. $150,000.

Conn., New Britain — CONVENT — St. Joseph's Convent, 205 South Main St., J. F. Donahue, pastor, 2 story and basement, brick and steel, to Hayes Constr. Co., 9 Court St. Archts. est. 150,000. Noted Nov. 26.

Conn., New Britain—SCHOOL—City, J. M. Halloran, chn. school com., 3 story, 60 x 200 ft., brick and steel addition to Nathan Hale School, Tremont St., to M. O'Connor, 561 Main St. Archts. est. $200,000. Noted Apr. 22.

N. Y., New York—CHURCH and HOTEL—Calvary Baptist Church Corp., 123 West 57th St., 15 and 30 story, brick, steel and stone, West 57th St., to R. M. Catts Corp., 247 Park Ave. Archts. est. $2,500,000. Noted Mar. 4.

N. Y., New York—HIGH SCHOOL—Bd. Educ., 500 Park Ave., general contract Theodore Roosevelt High School, East Fordham Rd. and Bathgate Ave., to Lustbader Constr. Co., 101 Park Ave., $2,309,205; plumbing, etc. to J. E. Kahn, 224 West

Buildings—Educational-Religious (Cont.)

20th St., $129,900; heating, etc., to Almirall & Co., Inc., 66 West Bway., $292,000; and electrical work, to J. Menkes, 32 Union Sq., $64,777. Grand total $2,795,882. Noted Apr. 8.

N. Y., Pelham (Ind. br. New York) — SCHOOL — Bd. Educ., altering and constructing 2 story, 50 x 100 ft., brick, steel and stone addition, plain foundation, to J. Borup, Bronxville. Archts. est. $180,000. Noted Apr. 29.

N. Y., Richmond Hill (Ind. br. Jamaica) —SCHOOL — Bd. Educ., 500 Park Ave., New York City, general contract P. S. 124, Stanley Ave., here, to Hayson Constr. Co., 44 Court St., Brooklyn, $337,000; and heat control service, to Almirall & Co., 66 West Bway., New York City, $42,633. Noted Apr. 29.

N. J., Paulsboro—SCHOOL—Bd. Educ., 2 story and basement, 76 x 173 ft., rein.-con. and brick, plain foundation, to G. W. Shaner & Sons, Palmyra, $175,000. Noted Feb. 4.

Pa., Wynnewood—SCHOOL—School Bd. Lower Merion Twp., general contract 2 story and basement, 42 x 188 ft., and 91 x 174 ft. school, to G. H. Evans, 105 North 13th St., Phila., $318,846; heating and ventilating, to Amer. Heating & Ventilating Co., Schaff Bldg., Phila., $31,895. Noted Apr. 29.

Md., Baltimore — CHURCH — Church of the Nativity, Edgerton St. and Garrison Ave., 1 story and basement, irregular shape, stone, Edgerton St. and Garrison Ave., to Cogswell-Koether Co., 406 Park Ave., $150,000. Noted Mar. 25.

La., Abbeville — SCHOOLS — Vermillion Parish School Bd., Courthouse, new brick, high and 2 grade schools, to Caldwell Bros., Whitney Bldg., New Orleans, $198,000. Noted Apr. 8.

Ill., Chicago — COMMUNITY HOUSE — Perkins, Fellows & Hamilton, archts., Tower Court, general contract 4 story and basement, 100 x 150 ft., Bedford stone and rein.-con., Kenmore and Bryn Mawr Aves., to J. B. Shedden Co., 106 North La Salle St., for Edgewater Presbyterian Church. Archts. est. $400,000.

Ill., Chicago—SCHOOL—Bd. Educ., 650 South Clark St., Bradwell School addition, East 77th St. and Burnham Ave., to S. N. Neilson Co., 3059 Augusta St. Archts. est. $250,000. Noted Apr. 1.

Ill., Hillside — CHURCH, SCHOOL and MONASTERY—Servite Fathers Monastery, c/o A. Brosnahan, pastor, 3121 West Jackson Blvd., 2 and 3 story, 190 x 225 ft., rein.-con., brick and stone, to T. Stark Constr. Co., 130 Muskogee St., Milwaukee, Wis., and 118 South 11th St., Cedar Rapids, Ia. Archts. est. $200,000. Noted Apr. 1.

Wis., Milwaukee—CONVENT, etc.—E. Brielmaier & Sons, archts., 432 Bway., 3 story and basement, 200 x 275 ft., brick and concrete convent, power house and laundry, plain foundation, Cedarburg Rd., to Hutter Constr. Co., 128 Western Ave., Fond du Lac, for Sisters of Sorrowful Mother, Marshfield. Archts. est. $450,000. Noted Feb. 18.

Minn., Duluth — HIGH SCHOOL — Bd. Educ., 226 1st Ave. E., C. A. Bronson, clk., general contract Junior High School, 3 story and basement, 65 x 135 ft., and 76 x 145 ft., rein.-con. and title, concrete pile foundation, 2nd St. between North 9th St. and 31st Ave., to G. H. Lounsberry, 322 East Superior St., $377,500.

Kan., Lawrence—AUDITORIUM—C. D. Cuthbert, state archt., State Capitol Bldg., Topeka, for State University of Kansas, 1 story, basement and 2 balconies, 158 x 200 ft., rein.-con., stone and steel, to M. J. Green, Manhattan. Archts. est. $250,000. Noted Apr. 8.

Neb., Lincoln—SCHOOL—Bd. Regents University of Nebraska, 3 story and basement, 86 x 120 ft., brick and stone, to Bickel Constr. Co., University Place, $350,000.

Kan., Pittsburg — HIGH SCHOOL — Bd. Educ., Junior High School, 3 story and basement, 165 x 207 ft., rein.-con., brick and stone, to Eberhardt Constr. Co., 724 Dwight Bldg., Kansas City, Mo., $215,000. Noted Jan. 7.

Mo., Kansas City—HIGH SCHOOL—Bd. Educ., (2nd unit) South West Senior High School, rein.-con., brick and stone, to Sharp Bros., Eldorado, Kan., $345,000.

Tex., Dallas — DORMITORY — C. W. Snider, City Natl. Bank Bldg., Wichita Falls, 3 story and basement, rein.-con., brick and stone, Paris and Bourborn Sts., to H. B. Freedman, 402 1st Natl. Bank Bldg., Fort Worth, $150,000. Noted Mar. 18.

Calif., Oakland—NURSES' HOME—Sisters of Providence, 29th and Bway. Sts., 4 story, rein.-con., Central and Summit Aves., to Barrett & Hilp, 918 Harrison St., San Francisco, $200,000.

Que., St. Jerome — CHURCH — Roman Catholic Church, general contract church, St. John Lake, to A. Dube & Cie, Three Rivers, $131,000.

Federal Government Work

Proposed Work

N. Y., Staten Island—Ejector Station, etc. —Construction Quartermaster's Office, 39 Whitehall Bldg., New York City, rejected bids Mar. 25, ejector station and discharge line at Miller Field, here. Noted Apr. 15.

Wyoming — Road — U. S. Forest Serv., Post Office Bldg., Denver, Colo., made plans grading 12 mi. Fox Park-Keystone Sect., Medicine Bow Forest, Albany Co.

Colorado — Roads — U. S. Forest Serv., Post Office Bldg., Denver, made plans grading 29 mi. New Castle-Buford Project, Garfield Co., and 6 mi. Dirby-Mesa Rd., Eagle Co., both in White River Natl. Forest; also 6 mi. Beulah-Rye Project, Pueblo Co.

Bids Desired

D. C., Wash.—Sewer—May 27, at office Constructing Quartermaster, Munitions Bldg., sanitary sewerage system, at Bolling Field; adv. E. N.-R. May 6.

S. C., Charleston—Pier—June 1, by U. S. Engineer Office, extending the north Customhouse pier about 210 ft.; adv. E. N.-R. May 6.

Tenn., Memphis—Steel Barges—June 1, at office Mississippi River Comn., 1st and 2nd Dists., McCall Bldg., 13 steel barges; adv. E. N.-R. May 6.

Ind., Anderson—Extension—May 18, by Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story and basement extension to U. S. Post Office, here. J. A. Wetmore, acting supervising archt.; adv. E. N.-R. May 6.

Michigan—Dredging—May 25, by U. S. Engineer Office, Detroit, dredging in Saginaw Bay Channel; adv. E. N.-R. May 6.

Ill., North Chicago—Hospital, etc.—June 8, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing recreation building, acute patients building, 2 continued treatment buildings and 1 administration building, etc. at U. S. Veterans Hospital, 105, here; adv. E. N.-R. May 6.

Wyoming — Road — May 12, by J. W. Johnson, dist. engr., 301 Custom House, Denver, Colo., grading 1.98 mi. Dayton-Steamboat Rock, Constr. Sect. 4, Sheridan Co., here.

Colorado—Road—May 12, by J. W. Johnson, 301 Custom House Bldg., Denver, grading 4.95 mi. Ward-Raymond Natl. Forest Rd. Project, Boulder Co.

Calif., Palo Alto—Hospital, etc.—June 21, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing various buildings, etc. at U. S. Veterans Hospital 24, here. F. T. Hines, dir. Noted Apr. 1.

Bids Received

Mass., Chelsea—Quarters—Spec. 5168—Bureau Yards & Docks, Navy Dept., Wash., D. C., 2 double quarters, concrete, brick and steel, at U. S. Naval Hospital, here, from S. Pasquale, 9 Stedman St., Boston, (1) $55,000 (2) $57,700 (3) add $200 (4) deduct $30 (5) add $130 (6) add $6,800 (7) add $400. Noted Apr. 8.

Pennsylvania — Recreation, etc. — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Apr. 27, recreation building, officers quarters, etc., at U. S. Veterans Hospital, Aspinwall-Sharpsburg, here, from J. C. Miller, Campbellsville, Ky., (1) $164,000 (2) $139,500 (3) $115,500 (300 days). Noted Mar. 25.

Pa., Fort Mifflin (mail Essington) — Dredging—U. S. Engineer Office, 1505 Race St., Phila., Apr. 22, dredging 47,000 cu.yd. in Delaware River, here, from Amer. Dredging Co., 308 Chestnut St., Phila., Pa. at $0.34 per cu.yd. Noted Apr. 1.

D. C., Wash.—QUARTERS—Spec. 5087 —Bureau Yards & Docks, Navy Dept., Apr. 28, extending nurses quarters, at U. S. Naval Hospital, here, from Devault & Deitrick, Canton, O., (1X) $83,848, (2X) $77,256, (3X) $1,100. Noted Apr. 1.

Ky., Louisville—Wicket Irons, etc.—U. S. Engineer Office, P. O. Box 72, wicket irons, horses and props, for Dam 51, from Amer. Car & Fdry. Co., Jeffersonville, Ind., (a) $15,600 and (b) $35,400. Noted Apr. 8.

Oregon — Road — Dept. Pub. Rds., New Post Office Bldg., Portland, grading, etc., 6.6 mi. Cascadia Sect. Sanitiem Highways Project, Linn Co., from E. L. Gates, Albany, $68,618.

Contracts Awarded

Tex., Galveston — Dredging — U. S. Engineers Office, dredging deepening and widening Sabine-Neches Canal between Port Arthur and Orange to United Dredging Co., 323 Guaranty Bldg., Galveston, $330,720. Noted Mar. 18.

C. Z., Panama—Masts—Spec. 5191—Bureau Yards & Docks, Navy Dept., Wash., D. C., guyed masts at Cape Mala, here, to J. E. Lingo & Son, Delaware Ave. and Elm St., Camden, N. J., $3,775 (135 days). Noted Apr. 29.

FEDERAL POWER COMMISSION

Application for Licenses and Permits

Applications

697—Great Northern Ry. Co., 4th and Jackson Sts., St. Paul, Minn.—Wants license transmission line in Chelan and King Counties across Snoqualmie and Wenatchee Natl. Forest, Wash.

698—M. L. Requa, 351 California St., San Francisco, Calif.—Wants preliminary permit power development in Speel River, Long, Crater, Sweetheart Lakes and unappropriated portion Tease Lake, Alaska.

699—Fitkin Utilities Inc., 165 Bway., New York City—Wants preliminary permit approximately 2,200 hp. power development in Santa Fe River, Alachua and Columbia Counties, Florida.

700—Kentucky Hydro-Electric Co., Louisville, Ky. — Wants preliminary permit power development in Cumberland River, near mouth Wolf Creek, Russell Co.

701—Sultan Electric Co., Sultan, Wash. —Wants preliminary permit power development in Lake Isable and May Creek, across Snoqualmie Natl. Forest in Snohomish Co., Wash.

Unclassified

Proposed Work

Stadium—Brookline (br. Boston), **Mass.** —Town, Park Dept., having plans prepared by G. Hadden, engr. and archt., 280 Madison Ave., New York City, stadium.

Grade Crossing — Berlin, Conn. — Town, State and New York, New Haven & Hartford R.R. Co., E. Gagel, ch. engr., New Haven, plan eliminating Beckley's Crossing. $90,000. J. A. Macdonald, State House, Hartford, highway comr.

Parks — West Palm Beach, Fla. — Voted $65,000 bonds, constructing parks. C. A. Bingham, city mgr.

Prison Stockade—West Palm Beach, Fla. —$150,000 bonds, constructing prison stockade.

Transmission Lines—Muscle Shoals, Ala. —See "Buildings—Industrial."

Sub-Division — Biloxi, Miss. — Holmhaven-on-the-Gulf, Inc., 2800 West Beach St., and 360 North Michigan Ave., Chicago, Ill., O. O. Carpenter, vice pres., having plans prepared by C. Matthes, Biloxi, amusement place, incl. club house with dance floor and swimming pool, etc. $100,000. Noted Mar. 18.

Transmission Lines, etc.—Tennessee—See "Dam."

Stadium—Ann Arbor, Mich.—Bd. Regents University of Michigan, making plans rein.-con. stadium, 60,000 seating capacity. $700,000. F. H. Yost, dir., Athletic Assn.

Subway — Fordson, Mich. — Ford Motor Car Co., Highland Park, having plans prepared subway for double track street car lines under Pere Marquette and Pennsylvania Ry. tracks, and extending car lines approximately ½ mi. to Fordson plant of owner, incl. rein.-con. retaining walls and supporting structure, drainage structure, etc. on Mulkey Ave. $250,000. Private plans. Detroit Dept. Street Railways, Shoemaker and St. Jeans Sts., plans laying above double track street car lines.

Park Improvements—Peoria, Ill.—Election July 20, $500,000 bonds, park improvements, incl. new palm house, exhibition rooms, steam plant, etc. M. G. Newman, pres. Park Bd.

Amusement Park — Belleville, Ill. — See "Contracts Awarded."

Gas Tank — Lake Geneva, Wis. — Walworth Co. Gas. Co., c/o J. F. Ryan, 352 Douglas St., Elgin, Ill., making plans 500,000 gal. rein.-con., brick and steel retaining tank for gas plant, here. $500,000. Private plans. Noted Jan. 29 under "Buildings-Industrial."

Unclassified (Continued)

Transmission Line—North Dakota—Rugby Light & Power Co., M. A. Erickson, proprietor, Rugby, plans approximately 27 mi. transmission line between Rugby and Barton, also 90 k.v.a. or larger oil engine unit.

Land Development—Joplin, Mo.—Brown-Tatum-Shannon, Inc., 205 Joplin Natl. Bank Bldg., making preliminary plans developing 413 acres subdivision, incl. streets, waterworks, sewers, etc. Hare & Hare, Huntzinger Bldg., Kansas City, landscape engrs.

Grain Elevator—Beaumont, Tex.—Josey-Miller Co., plans rebuilding grain elevator rein.-con., Railroad Ave. and Fannin St., recently destroyed by fire. $100,000. Engineer selected soon.

Swimming Pool—Port Arthur, Tex.—City plans concrete swimming pool, Bryan Park, 16th and Augusta Aves. $25,000. J. O. Herpin, city engr.

Power Transmission Line — Oklahoma — Southwest Power Co., McAlester, plans electric power transmission line from Watts to Fayetteville. $70,000. Private plans.

Ornamental Lighting System—Los Angeles, Calif.—Making plans metal standards on Figueroa St. between Vernon and Slauson Aves., $30,000; portions of Main St., $25,000; and Figueroa St. between Slauson and Manchester Aves., $40,000.

Swimming Pool — Los Angeles, Calif. — See "Buildings—Commercial."

Power Development — Tehama, Calif. — P. B. Cross, 550 Montgomery St., San Francisco, making plans 50 x 150 x 50 ft. rein.-con. diversion dam, 25,562 ft. gunite lined canal, 9,925 ft. 60 in. r.w. stave syphon, 20,890 ft. Armco type steel flume, 5,830 ft. 7x7 ft. concrete or gunite lined tunnel, etc., in Tehama Co. $1,500,000 or more. W. Van Norden, Mills Bldg., San Francisco, engr.

Wharf—Limoiton, Que.—Anglo-Canadian Pulp & Paper Co., Quebec, plans wharf on St. Charles River, on Lot 514-560-502, here. G. Hardy, 309 Bway., New York City, engr. $1,000,000.

Amusement Park—Three Rivers, Que.—H. F. Blackwell, Chateau De Blois, plans whip, scenic railway, dance hall, etc. $150,000.

Power Line — Alberta — Calgary Power Co., Calgary, soon takes bids power line between Calgary and Red Deer. $300,000.

Bids Desired

Timber Piles and Platform — Albany, N. Y.—May 14, at office Albany Port Dist. Comn., 100 State St., timber piles and platform for bulkhead for Port of Albany. T. Fitzgerald, secy.; adv. E. N.-R. May 6.

Heating, etc.—Buffalo, N. Y.—May 19, by State Hospital Comn., Albany, N. Y., heating work, additional boiler capacity, etc., at Buffalo State Hospital, here; adv. E. N.-R. May 6.

Heating, etc.—Kings Park, N. Y.—May 26, by State Hospital Comn., Albany, heating, sanitary and electrical work, etc., for Veterans Memorial Hospital, Kings Park State Hospital, here; adv. E. N.-R. May 6.

Support for Retaining Walls — Long Island City, N. Y.—May 14, by Bd. Transportation, 49 Lafayette St., New York City, additional support for retaining walls and abutment, Queens Boro, here, Agreement "EM." J. H. Delaney, chn.

Foundations, etc.—New York, N. Y.—May 13, B. M. Patten, comr. Public Markets, Municipal Bldg., constructing foundations, viaduct, ramps, floor and paving for Bronx Municipal Terminal Market, at Exterior St. and East 151st St., Bronx Boro.

Borings—Phila., Pa.—May 18, by City of Phila. and Montgomery Co. (Norristown), 216 City Hall, Phila., 850 ft. churn borings for Green Lane Bridge, over Schuylkill River. W. C. Irwin, controller Montgomery Co.

Playground—Baltim re, Md.—May 10, by Bd. Awards, grading, concrete work, etc. improving area and playground at Canton School, 2nd St. H. G. Perring, Hearst Tower, superv. engr. Pub. Impvt. Comn.

Pipe Line—Louisiana and Mississippi—See "Contracts Awarded."

Heating, Plumbing, etc.—Chicago, Ill.—May 11, by Bd. Educ., 650 South Clark St., J. C. Christensen, archt., heating, plumbing, ventilating, heat regulation and ash ejectors for Samuel Gompers School, 123rd St. and LaFayette Ave., and Spencer School addition, North Lavergne and Park Aves.; also plumbing for Bradwell School addition, 77th St. and Burnham Ave. J. E. Byrnes, bus. mgr.

Foundation—Madison, Wis.—University of Wisconsin, J. D. Phillips, bus. mgr., taking bids rein.-con. foundation for rein.-con., brick and steel Union Memorial Building, at University. $25,000. A. Peabody, State Capitol Bldg., archt.

Transmission Line — Iowa — See "Contracts Awarded."

Overhead Crossing—North Dakota—See "Streets and Roads under Contracts Awarded."

Stadium — Austin, Tex. — May 25, by Texas Memorial Stadium Assn., Inc., rein.-con. addition to Texas Memorial Stadium. M. Fichtenbaum, executive secy.; adv. E. N.-R. May 6. Noted Apr. 22.

Grain Elevator — Beaumont, Tex. — See "Contracts Awarded."

Bids Received

Platform Extensions—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., extending Essex St., Bowery and Chambers St. stations of Bway. 4th Ave. Rapid Transit R.R., from B. T. and J. J. Mack, 160 Bway., (unofficial) $199,000. Noted Apr. 22.

Pier—Phila., Pa.—City, c/o G. F. Sproule, city dir., Municipal Pier 4, South Wharves foot Chestnut St., Apr. 21, substructure for Pier 80, 1,000 ft. long and 280 ft. wide, incl. piles, decking, concrete bulkheads, etc., Jackson St., from Snare Corp., 1524 Chestnut St., **(a)** $1,030,000 **(b)** $849,000 **(c)** $748,300 **(d)** $666,000 **(e)** $480,000; and from McLean Constr. Co., 80 South Wharves **(a)** $985,000 **(b)** $835,000 **(c)** $760,000 **(d)** $690,000 **(e)** $620,000. Noted Apr. 15.

Street Lighting System—St. Paul, Minn.—Street lighting system using **(a)** concrete posts **(b)** pressed metal or steel posts and **(c)** c.i. posts in **(1)** St. Anthony Park **(2)** Merriam Park and Hill Dist. 2, from Donovan Constr. Co., 1101 Builders Exch. Bldg., **(a1)** $42,267 **(b1)** $46,000 **(c1)** $43,300 **(a2)** $274,669 **(b2)** $296,400 and **(c2)** $277,400.

Contracts Awarded

Coal Plant—Providence, R. I.—Narragansett Electric Light Co., Eddy St., coal handling plant incl. trestle and wharf, brick and steel, to J. H. Proctor Co., Old South Bldg., Boston. Archts. est. $40,000.

Coal Pocket—Somerville (Boston P. O.), **Mass.**—Wellington & Burtnet, 211 Bridge St., East Cambridge, coal pocket, concrete, 13-17 Somerville Ave., to A. W. McLean, 196 Medford St., Charlestown. Archts. est. $25,000. Noted Apr. 8.

Lighting System—New York, N. Y.—Bd. Health, L. I. Harris, pres., 505 Pearl St., underground roadway lighting system, in various buildings, Riverside Hospital, North Brother Island, Bronx, to F. Scandon, 86 Park Pl., $53,000. Noted Mar. 11.

Scale Pit, etc.—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., scale pit and foundation for coal pockets in Lenox Ave. and 148th St. Yard, to Hart & Early, Inc., 18 East 41st St., $19,140. Noted Apr. 29.

Coal Pocket—Glen Rock (br. Ridgewood), **N. J.**—Bergen County Coal Co., Doremus Ave., rein.-con. silo type coal pocket, to W. G. Hudson, 50 Church St., New York City, N. Y.

Coal Pocket — Paterson, N. J. — M. B. Farrclough & Son, 27th St. and Susquehanna R.R. tracks, general contract 2,500 ton capacity coal pocket, timber, to W. G. Hudson, Corp., 50 Church St., New York City, N. Y.; and concrete pile construction, to Raymond Concrete Pile Co., 140 Cedar St., New York City.

Fire Alarm System—Trenton, N. J.—City Comn., extending underground fire alarm system and transferring fire alarm telegraph system from Headquarters to Electrical Building. $58,000. O. M. Schafer, Trenton, supt. Fire & Police.

Pier — Chester, Pa. — Ford Motor Co., Highland Park, Mich., 150 x 515 ft. rein.-con. and wood pile pier and 216 ft. bulkhead, 34 ft., extending into Delaware River, here to A. J. Boyle Co., Amer. Bldg., Baltimore, Md. Engrs. est. $650,000. Noted Feb. 25.

Elimination Grade Crossing — Marcus Hook, Pa.—Pennsylvania R.R. Co., A. C. Shand, ch. engr., Broad St. Sta., Phila., elimination grade crossing by constructing 78 ft. steel bridge, 50 ft., with two 50 x 450 ft. rein.-con. approaches, Market St. at Lower Chichester Twp., here, to T. J. Foley Co., Fulton Bldg., Pittsburgh. Engrs. est. $350,000.

Pipe Line—Louisiana and Mississippi—Standard Oil Co., North Baton Rouge, La., will construct 170 mi. natural gas pipe line from Baton Rouge to Mississippi via Mississippi River at Natchez, **Miss. Work** will be done by day labor under supervision Ford, Bacon & Davis, engrs., 115 **Bway.**, New York City. For 8,000 tons 22 in. pipe, to Natl. Tube Co., Frick Bldg., Pittsburgh, Pa., and to Spang-Chalfant Co., Union Bank Bldg., Pittsburgh, Pa.

Foundation—Marion, O.—Harding Memorial Assn., concrete foundation to President Harding Memorial, to E. Elford, 555 Park Ave., Columbus, $26,500. Noted Jan. 7.

Amusement Park — Belleville, Ill. — St. Clair Park Assn., will build amusement park, incl. swimming pool, boating lagoon, dance pavilion, etc. $250,000. Work will be done by separate contracts.

Transmission Line — Iowa — Sioux City Gas & Electric Co., Sioux City, will install 55 mi. 66 kv. single circuit, wood pole suspension type high tension line from Storm Lake to Rutland, connecting with Humboldt line, by day labor, $243,000; also 1,000 kw. capacity emergency turbine at Big Sioux Station, 11,000 volt 3 phase power circuit for Packing House Dist., Sioux City; one 4 kv. and two 11 kv. substations in Sioux City, by day labor, under supervision U. G. I Contg. Co., Broad and Arch Sts., Phila., Pa.

Overhead Crossing—North Dakota—See "Streets and Roads."

Grain Elevator — Beaumont, Tex. — Josey-Miller Co. will build grain elevator, rein.-con., by day labor. $100,000. Private plans. Noted Apr. 30.

Grain Elevator—Hereford, Tex.—E. W. Harrison, one unit rein.-con. and steel grain elevator, to Star Eng. Co., Wichita, Kan., approximately $110,000.

Undergrade Crossing—Longview, Wash.—Constructing undercrossing under Longview, Portland & Northern R.R. tracks, at California Way, L. I. D. 19, to Olympic Constr. Co., Longview, $59,405.

Materials

Proposed Work

Road Oil — Minneapolis, Minn. — F. S. Gram, city purch. agt., rejected bids Apr. 17, 2,000,000 gal. road oil. Will readvertise. Noted Apr. 8.

Bids Desired

Iron Castings, etc.—New York, N. Y.—May 10, by J. Miller, pres. Manhattan Boro, Municipal Bldg., iron castings to Corporation Yards; and 1 portable centrifugal pump.

Lumber—New York, N. Y.—May 14, by P. J. Dooling, comr. Purchase, Municipal Bldg., lumber to Depts. Parks, Manhattan and Water Supply, Gas & Electricity.

Road Oil—Lambertville, N. J.—May 10, by City Comn., 12,000 gal. oil, and 500 tons ½ in. stone for road work. A. Van Natta, city clk.

Ballast—Phila., Pa.—May 10, by Dept. Supplies, E. J. Lafferty, dir., 2,425 tons slag and 7,921 tons 1.5 x 2.5 ballast, 1,363 tons ¾ and 1,475 tons ½ stone.

Rock Asphalt—Chicago, Ill.—May 11, by City, City Hall, native Kentucky rock asphalt required for year 1926. A. A. Sprague, comr. Pub. Wks.

Cedar Posts—Madison, Wis.—May 10, by State Hy. Dept., at office of Traffic Engineer, Capitol Annex, 9 to 15 car loads northern white cedar posts, f.o.b. various destinations.

Road Oil—Madison, Wis.—E. F. Bunn, city aud., taking bids 60,000 gal. more or less tar products for oiling streets, etc. E. E. Parker, City Hall, engr.

Culvert Pipe—Onawa, Ia.—May 11, at office Auditor Monona Co., 2,808 ft. corrugated culvert pipe. C. B. Zorn, Onawa, co. engr.

Road Oil and Tar—Minnesota—May 18, by State Hy. Dept., St. Paul, approximately 1,580,000 gal. road oil and tar, etc.

Bids Received

Road Oil—St. Paul, Minn.—G. J. Reis, aud. Ramsey Co., 300,000 gal. road oil, from W. H. Barber Co., 1501 Franklin Ave. S. E., Minneapolis, at $0.0672 per gal. Noted Apr. 15.

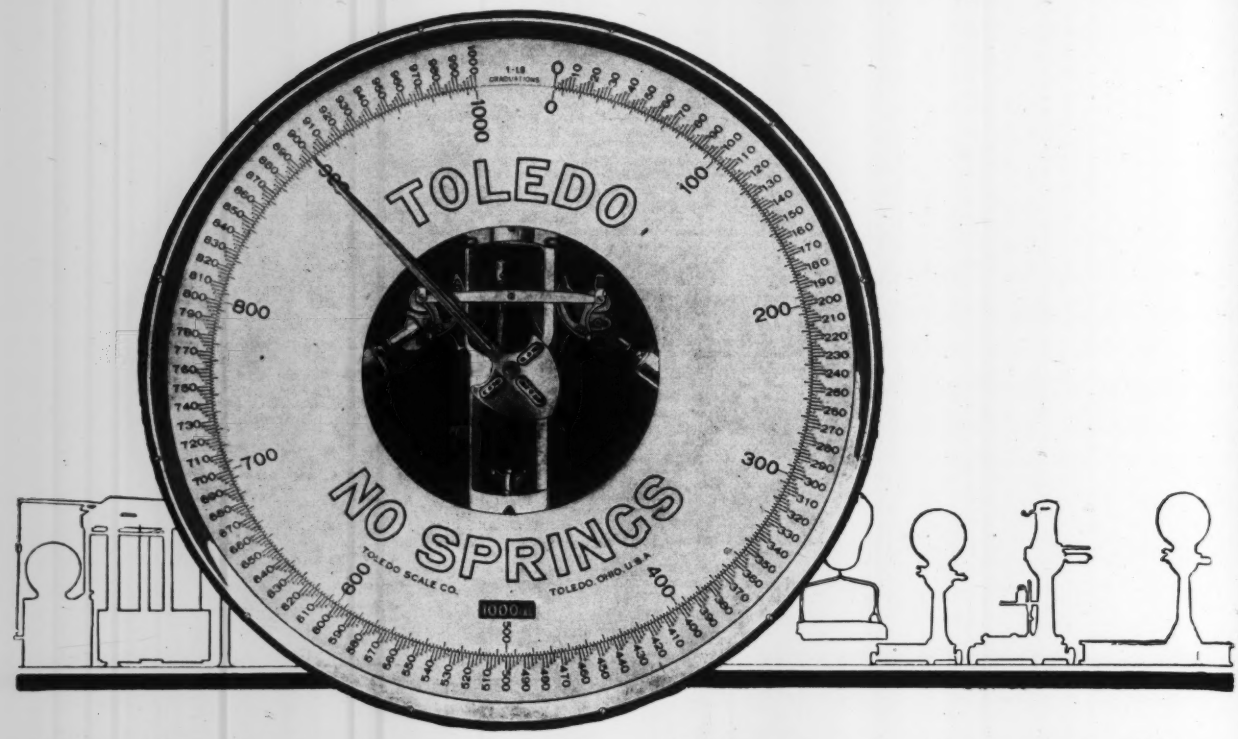
Contracts Awarded

Iron Castings — Boston, Mass. — City, Supply Dept., 400,000 iron castings (frames and covers), to E. L. LeBaron Fdry. Co., Brockton, $0.027 per lb.

Road Oil — Minneapolis, Minn. — F. S. Gram, purch. agt., 500,000 gal. road oil, to Amer. Mexican Refining Co., 11 South La Salle St., Chicago, Ill. at $0.0778 per gal. Noted Apr. 8.

Asphalt and Tar, etc.—Clayton, Mo.—St. Louis Co., Court House, 300,000 gal. Grade A1 asphalt and 50,000 gal. equal to Tarvia A and B, to Asphalt Distributing Co., Victoria Bldg., St. Louis at $0.1094 per gal.

See proposal advertising on page 156, Advertising Section



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